Samsung GALAXY APPEAL™

MOBILE PHONE

User Manual

Please read this manual before operating your phone, and keep it for future reference.

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Your phone features earSmart™, an intelligent voice processor that delivers a clear voice experience, allowing you to **hear and be heard**™ in nearly any environment. earSmart technology uses the science of human hearing to distinguish sounds, identify your voice and suppress surrounding noise, for clear conversations just about anywhere.

How Does It Work?

- The earSmart voice processor in your phone captures your voice and all the sounds around you.
- Working like the human ear, it processes and distinguishes these sounds, isolates your voice conversation, and removes background noise - from both ends of a call.
- It also automatically equalizes and adjusts voice volume so you can hear and talk naturally, even in the noisiest places.
- With earSmart technology, you can talk where you want, and have clear conversations for mobile calls, video chats, even speakerphone calls, without worrying about surrounding noise.

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Warning

Depending on the user interface used in the handset, you may experience slow keypad response when performing tasks in the background. This can impact making phone calls. When there is no activity or change in the icons at the top of the main LCD display, the handset will resume normal operations.

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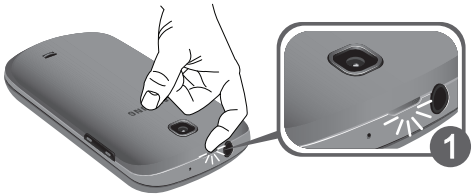
Section 1: Getting Started

This section explains how to start using your phone by first configuring your hardware, activating your service, and then setting up your Voicemail.

Setting Up Your Phone

Prior to use it is necessary to install both the battery and SIM into their corresponding internal compartments.

1. Remove the back cover by inserting a fingernail or pointed object into the slot on the top side of your phone (1).



2. Lift the cover up (2) and away from the phone (3).

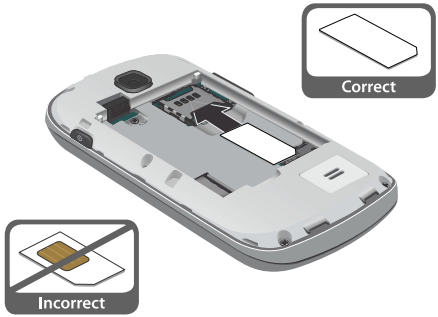
Installing the SIM Card

When you subscribe to a cellular network, you are provided with a plug-in SIM card loaded with your subscription details, such as your PIN, available optional services, and many others features.

Important!: The plug-in SIM card information and its contacts can be easily damaged by scratching or bending, so be careful when handling, inserting, or removing the card. Keep all SIM cards out of reach of small children.

▶ Carefully slide the SIM card into the SIM card socket (as shown) until the card locks into place.

- Make sure that the card's gold contacts face into the phone and that the upper-left angled corner of the card is positioned as shown.



Note: If the card is not inserted correctly, the phone will not detect the SIM card. Re-orient the card back into the slot if the SIM is not detected.

Installing the Battery

1. Insert the battery into the opening on the back of the phone, making sure the connectors align (1).
2. Gently press down to secure the battery (2).

Installing the Back Cover

1. Place the battery cover onto the back of the phone (1) and press down (2).

2. Press all along the edge of the back cover until you have a secure seal.

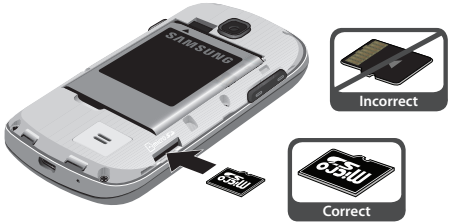
Note: Make sure the battery is properly installed before switching on the phone.

Installing and Removing the Memory Card

Your device lets you use a microSD™ (SD) or microSDHC™ card to expand available memory space. This secure digital card enables you to exchange images, music, and data between SD-compatible devices.

Note: Your phone has been tested to support up to a 32GB memory card.

1. Open the back cover and push the microSD card into the slot until it clicks (as shown).
   - Make sure the microSD's gold contact pins face downward and the card is securely inserted.



2. To remove, push on the memory card until it clicks and is released. Then grasp the memory card and remove it from the phone.

For more information on Memory Cards, see *"Memory Card"* on page 30.

Charging a Battery

Your device is powered by a rechargeable Li-ion battery. The Travel Charger that is used to charge the battery is included with your device. Use only Samsung-approved batteries and chargers.

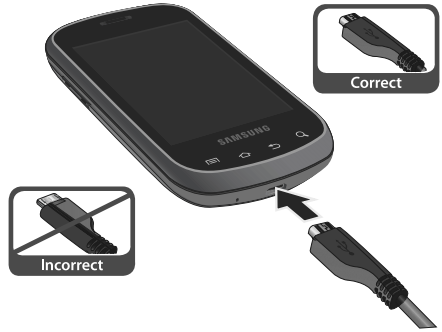
Note: Long backlight settings, searching for service, vibrate mode, web browser use, and other variables may reduce the battery's talk and standby times.

Although you can use the phone while the battery is charging, doing so will require additional charging time.

Note: You must fully charge the battery before using your phone for the first time. A discharged battery recharges fully in approximately 4 hours.

Using the Travel Charger

Important!: Ensure that the handset battery is installed prior to connection. If the battery is not properly installed and the wall charger is connected, the handset may power off and on continuously, preventing proper operation.



1. Plug the flat end of the Travel Charger into the Power/ Accessory Interface connector and the other end into a standard AC wall outlet.
2. When charging is finished, remove the flat end from the interface connector jack on the phone.

Warning!: Please note that a touch screen responds best to a light touch from the pad of your finger. Using excessive force or a metallic object when pressing on the touch screen may damage the tempered glass surface and void the warranty.

Note: Failure to unplug the wall charger before you remove the battery can cause damage to the phone.

Low Battery Indicator

When the battery is weak and only a few minutes of talk time remain, the battery icon ( ) blinks and the device sounds a warning tone at regular intervals. In this condition, your phone conserves its remaining battery power, not by turning off the backlight, but by entering the dimming mode. For a quick confirmation of your battery level, check the battery charge indicator located in the upper-right corner of your device's display. Solid color ( ) indicates a full charge.

When the battery level becomes too low, the phone automatically turns off.

Configuring your Phone

When you first turn on your phone, you will need to set up a few things.

1. When the Welcome screen displays, touch the green android to begin.

   The **Set up your Google Account** screen is displayed.

2. If you already have a Google account, tap **Sign in**, otherwise, tap **Create** and follow the onscreen instructions to create a Google account. You can also tap **Skip** if you want to create an account later.

Note: In order to utilize your device to the fullest extent, you will need to create a Google™ Account when you first use your device. With a Google Account, you will have access to more Google applications and applications will always be in sync between your phone and computer.

3. At the **Use Google location** screen, a green checkmark appears next to the text that explains that you allow Google's location service to collect anonymous location data from your phone. If you disagree, tap the checkmark to remove it.
4. A green checkmark also appears next to the text that explains that you allows your location to be used for Google search results and other Google services. If you disagree, tap the checkmark to remove it.
5. Tap **Next**.

   The main Home screen is displayed.

Switching the Phone On or Off

1. Press and hold (on the upper right side of the phone) until the phone switches on.
2. Sweep your finger across the screen to unlock the phone.

Note: The display language is preset to English at the factory. To change the language, use the Language menu. For more information, refer to *"Changing Your Settings"* on page 87.

3. To switch off the phone, press and hold , until the **Phone options** screen displays.
4. Tap **Power off**, then tap **OK** to switch off the phone.

Locking and Unlocking the Touch Screen

1. Press to lock the touch screen.
2. Press again to display the main screen then sweep your finger across the screen to unlock it.
3. For more information, refer to *"Locking and Unlocking the Phone"* on page 21.

Creating a New Google Account

In order to utilize your device to the fullest extent, you will need to create a Google™ Account when you first use your device. With a Google Account, Google applications will always be in sync between your phone and computer.

After you start your phone for the first time, follow these steps:

1. From the Home screen, tap **Applications** → **Gmail** .

   The **Add a Google Account** screen displays.
2. Tap **Next** to continue.
3. Follow the on-screen instructions to create Google Account.

Note: If you already have a Google account, you only need to sign in.

Resetting your Google Account Password

A Google account password is required for Google applications. If you misplace or forget your Google Account password, follow these instructions to reset it:

1. From your computer, use an Internet browser to navigate to http://google.com/accounts.

2. Once the URL loads, click on the **Can't access your account?** link.
3. Click on **I forgot my password**.
4. Enter your Email address and click **Continue**.
5. Follow the on-screen instructions to reset your password.

Setting Up Your Voicemail

1. From the Home screen, tap , then tap and hold 1 oo. You may be prompted to enter a password.
2. Follow the tutorial to create a password, record a greeting, and record your name.

Note: These steps may be different depending on your network.

Accessing Your Voice Mail

1. From the Home screen, tap , then tap and hold 1 oo.
2. When connected, follow the voice prompts from the voice mail center.

Accessing Your Voicemail From Another Phone

1. Dial your wireless phone number.
2. When you hear your voicemail greeting, press the asterisk key on the phone you are using.
3. Enter your passcode.

Android System Recovery

Android System Recovery is used to restore the phone's system software to the original as-shipped state and delete all user data. It is also used to update the system software. Under normal operating conditions you should never need to perform a system recovery.

Note: If you entered this menu by mistake, use the Volume Up/Down keys to select **reboot system now**, then press the Power key. Your phone will then continue to boot up.

To enter the Android System Recovery mode, follow these steps:

1. With the phone turned off, slide the keypad open.
2. Press the Power key and T key at the same time.
3. When you feel a vibration from the phone, release the Power key but continue to hold the T key.
4. When the recovery screen is displayed, release the T key.

5. The following options are available:
   - **reboot system now**: this option restarts your phone.
   - **apply update from sdcard**: this option allows you to apply updates from your memory card to your phone.
   - **wipe data/factory reset**: deletes all data from the phone except pictures and videos. For more information, refer to *"Factory data reset"* on page 106.
   - **wipe cache partition**: allows you to delete all cache data such as log files.
   - **test redbend fota**: used for development purposes only.
6. Use the Volume Up/Down keys to scroll up or down, then press to make a selection.

Safe Mode

You can boot your phone into Safe Mode if you wish to troubleshoot whether or not added applications are causing problems with the device. Safe mode will only load basic system software.

1. Make sure your phone is turned off.
2. Press and hold the power key ( ) to boot up your device.
3. After the start-up animation begins to display, rapidly tap the key until the Lock screen displays.

When the Lock screen is displayed, **Safe mode** is displayed in the lower left corner of the screen.

Troubleshooting

If your device has fatal errors, hangs up, or freezes, you may need to reset the device to regain functionality.

- If your device is frozen and unresponsive, press and hold the Power/Lock Key for 8 to 10 seconds.

For more help, see *"Android System Recovery"* on page 7.

Section 2: Understanding Your Phone

This section outlines some key features of your phone and describes the screen and the icons that appear when the phone is in use. It also shows how to navigate through the phone and provides information on using a memory card.

Features of Your Phone

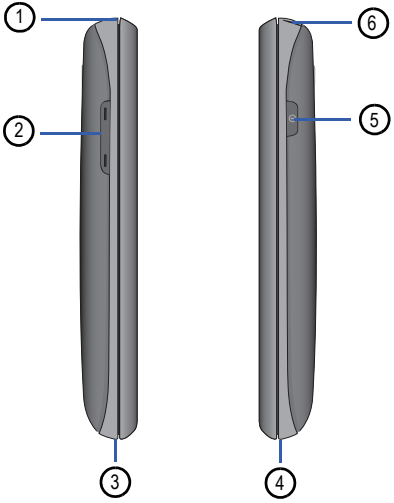
Your phone is lightweight, easy-to-use and offers many useful features. The following list outlines a few of the features included in your phone.

- EDGE/UMTS/HSDPA 7.2 network
- Android Gingerbread platform
- Touch screen provides quick response to a variety of in-phone menus and options including applications and seven home screens
- Eco-friendly housing, composed of 80% Post Consumer Materials
- Built-in Bluetooth and Wi-Fi technology
- 3.2" HVGA (480x320) 262k TFT display
- 3.2 Megapixel camera and camcorder
- HSDPA 7.2 Mbps high speed download capability
- microSD card compatibility with up to 32GB expandable memory slot
- Sync and update social network applications

Front View of Your Phone

1. **External speaker**: allows you to hear the caller.
2. **Application icons**: you can place shortcuts to your favorite applications on the Home screen.
3. **Primary shortcuts**: allows quick access to important features such as Phone, Contacts, Messaging and Applications. For more information, refer to *"Primary Shortcuts"* on page 13.
4. **Menu key**: allows you to access sub-menus with additional options.
5. **Home key**: allows you to return to the last used Home screen from any menu. Press and hold to display recently used applications and a shortcut to the Task Manager.
6. **Back key**: allows you step backwards when navigating a menu or web page.
7. **Search key**: accesses the Google Search feature where you can search for items on the internet.
8. **Home screen indicator**: shows which Home screen is presently displayed. This remains hidden until you sweep the screen.
9. **Google Quick Search bar**: a shortcut to Google Search that allows you to search for items on the internet.
10. **Indicator icons**: shows the information needed to operate your phone, such as the received signal strength, battery level, time, unread Emails, missed calls, etc.
11. **Proximity and Light sensors**: uses the ambient light level to adjust keypad access. If the light path is blocked, for example, when holding the phone close to your ear, the touch screen will turn off. Also used for some Camera settings.

Side Views of Your Phone



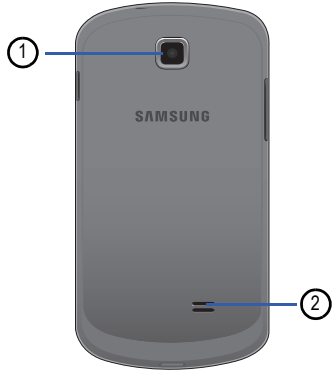
1. **Microphone**: allows other callers to hear you when you are speaking to them on the speakerphone.
2. **Volume keys**: allow you to adjust the ringer volume while in standby mode or adjust the voice volume during a call. When receiving an incoming call, briefly press either volume key ( ) to mute the ring tone.
3. **Microphone**: allows callers to hear you when you are speaking to them.
4. **Power/Accessory Interface connector**: allows you to connect a Travel Charger or other optional accessories such as a USB/data cable or a hands-free headset for convenient, hands-free conversations.
5. **Power/Lock key**: ( ) lets you power your phone on and off. Also allows you to lock or unlock the touch screen. For more information on locking your phone, see *"Locking and Unlocking the Phone"* on page 21.
6. **3.5mm Headset jack**: allows you to plug in headphones.

Front Open View of Your Phone

To use the QWERTY keypad, turn your phone to a horizontal position and slide it open as shown below.

For more information on using the QWERTY keypad, For more information, refer to *"Using the QWERTY Keyboard"* on page 43.

Rear View of Your Phone



1. **Camera lens**: is used to take pictures and shoot videos.
2. **External speaker**: allows you to hear when the Speakerphone is turned on.

Display Layout

Your display screen provides a wealth of information about the phone's status and options, as well as providing access to application icons. For more information, refer to *"Front View of Your Phone"* on page 9.

Primary Shortcuts

There are four non-movable Application Shortcuts that appear at the bottom of all Home screens. The default shortcuts are:

- **Phone** for dialing a number.
- **Contacts:** opens the Contacts application.
- **Messaging** for creating and viewing Messages.
- **Applications** for accessing the applications on your phone.

While viewing the Applications Menu, the Application shortcut changes to **Home**, which returns you to the Main screen.

You can change the Phone, Contacts and Messaging application shortcuts to any icon that is displayed in the Applications menu.

For more information, refer to *"Adding and Removing Primary Shortcuts"* on page 25.

Indicator Icons

This list identifies the symbols you'll see on your phone's display and Indicator area:

Displays your current signal strength. The greater the number of bars, the stronger the signal.

Indicates that the Airplane Mode is active. You cannot send or receive any calls or access online information.

Displays when there is no SIM card in the phone.

Displays when there is no network available.

Displays when there is a system error or alert.

Displays when a call is in progress.

Displays when a call is in progress using a Bluetooth device.

Displays when a call is on hold.

Displays when the speakerphone is on.

Displays when a call has been missed.

Displays when a call has been muted.

Displays when Call forwarding is set to Always forward. For more information, refer to *"Call Settings"* on page 94.

Displays when you phone is set to automatically reject all calls.

Displays your battery charge level. Icon shown is fully charged.

Displays when your battery is charging. Also displays battery charge level.

Device Power Critical – Shows your current battery only has three percent power remaining and will immediately shutdown.

Displays when your connection to an EDGE network is active.

Displays when your phone is communicating with the EDGE network.

Displays when your connection to a 3G network is active.

Displays when your phone is communicating with the 3G network.

Displays when your phone is downloading a file.

Displays when a Market download has successfully been installed.

Displays when updates are available for download.

Displays when the phone is connected to a computer via a supported USB cable connection.

Displays when the phone is tethered via a supported USB cable connection.

Displays when a new text or multimedia message is received.

Displays when a new Voicemail is received.

Displays when Email is received.

Displays when a new gmail message is received.

Displays when the time and date for a Calendar Event has arrived. For more information, refer to *"Calendar"* on page 128.

Displays when you set an alarm to ring at a specified time. For more information, refer to *"Alarm"* on page 130.

Displays when the Sound profile is set to Silent mode.

Displays when the Sound profile is set to Silent mode and Vibrate is set to Always or Only in silent mode.

Displays when Bluetooth is activated.

Displays when a Bluetooth device has been paired with the phone.

Displays when Bluetooth is on but is not connected to a Bluetooth device.

Displays when Wi-Fi is connected, active, and communicating with a Wireless Access Point (WAP).

Displays when Wi-Fi is active but there is a communication issue with the target Wireless Access Point (WAP).

Displays when Wi-Fi Direct is active and your phone is connected to another device.

Displays when your phone is connected to a PC using Kies air.

Displays when your phone is connected to a Digital Living Network Alliance (DLNA) certified device using the AllShare application.

Displays when your phone as been configured as a portable Wi-Fi hotspot.

Displays when GPS is active and acquiring a signal.

Displays when Power saving mode is enabled.

For more details on configuring your phone's settings, see *"Changing Your Settings"* on page 87.

Application Icons

The Application menu provides quick access to the items you use most frequently.

The following table contains a description of each application. If the application is already described in another section of this user manual, then a cross reference to that particular section is provided.

For information on navigating through the Applications icons, see *"Navigating Through the Application Menus"* on page 22.

1. From the Home screen, tap , then tap one of the application icons.
2. Follow the on-screen instructions.
3. To return to the Home screen, tap .

The following applications are available:

AllShare: AllShare allows your phone to stream photos, music and videos from its memory to other Digital Living Network Alliance (DLNA) certified devices. Your phone can also play digital content streamed from other DLNA certified devices. For more information, refer to *"AllShare"* on page 127.

Calculator: Using this feature you can use the phone as a calculator. The calculator provides the basic arithmetic functions; addition, subtraction, multiplication, and division. You can also use this as a scientific calculator. For more information, refer to *"Calculator"* on page 128.

Calendar: With the Calendar feature, you can consult the calendar by day, week, or month, create events, and set an alarm to act as a reminder, if necessary. For more information, refer to *"Calendar"* on page 128.

Camera: Use your 3.2 megapixel camera feature to produce photos in a JPEG format. It also features a Camcorder so you can take videos. For more information, refer to *"Camera"* on page 68.

ChatOn: Samsung ChatON is a device-independent global mobile communication service. Users can chat in groups, while a Web client allows the easy sharing of content and conversations between mobile and PC. For more information, refer to *"ChatOn"* on page 130.

Clock: The Clock application allows you to access alarms, view the World Clock, set a stopwatch, and use a timer. For more information, refer to *"Clock"* on page 130.

Contacts: You can manage your daily contacts by storing their name and number in your Address Book. Address Book entries can be sorted by name, entry, or group. For more information, refer to *"Contacts and Your Address Book"* on page 51.

Downloads: The Downloads application allows you to manage all of your downloads from the Market and the Browser. For more information, refer to *"Downloads"* on page 132.

Email: Email enables you to review and create email using various email services. For more information, refer to *"Using Email"* on page 82.

Gallery: The Gallery is where you view photos and play back videos. For photos, you can also perform basic editing tasks, view a slideshow, set photos as wallpaper or contact image, and share as a picture message. For more information, refer to *"Gallery"* on page 66.

Gmail: Gmail is a web-based email service. Gmail is configured when you first set up your phone. Depending on your synchronization settings, Gmail can automatically synchronize with your Gmail account on the web. For more information, refer to *"Using Gmail"* on page 83.

Google+: Google+ makes messaging and sharing with your friends a lot easier. You can set up Circles of friends, visit the Stream to get updates from your Circles, use Messenger for fast messaging with everyone in your Circles, or use Instant Upload to automatically upload videos and photos to your own private album on Google+. For more information, refer to *"Google +"* on page 85.

Internet: Open the browser to start surfing the web. The browser is fully optimized and comes with advanced functionality to enhance the Internet browsing feature on your phone.

Kies air: Kies Air allows you to sync your Windows PC wirelessly with your phone provided they are both on the same Wi-Fi network. You can view call logs, videos, photos, bookmarks, IMs, and even send SMS messages from your home computer. For more information, refer to *"Kies Air"* on page 125.

Latitude: With Google Latitude, you can see the location of all of your friends on a map or on a list. You can also share or hide your location. For more information, refer to *"Latitude"* on page 134.

Maps: Depending on your location, you can view basic, custom, and satellite maps and local business information, including locations, contact information, and driving directions. You can also post public messages about a location and track your friends. For more information, refer to *"Maps"* on page 135.

Memo: This feature allows you to create a memo. For more information, refer to *"Memo"* on page 137.

Messenger: Messenger allows you to bring groups of friends together into a simple group conversation. When you get a new conversation in Messenger, Google+ sends an update to your phone. For more information, refer to *"Messenger"* on page 85.

Music: The Music player allows you to play music files that you have stored on your phone and memory card. You can also create playlists. For more information, refer to *"Music Player"* on page 63.

My Files: My Files allows you to manage your sounds, images, videos, bluetooth files, Android files, and other memory card data in one convenient location. For more information, refer to *"My files"* on page 138.

Navigation: Navigation is an internet-connected GPS navigation system with voice guidance. You can type or speak your destination. For more information, refer to *"Navigation"* on page 138.

News & Weather: Displays current news and weather for your location. For more information, refer to *"News & Weather"* on page 140.

Places: Places is an application that uses Google Maps and your location to help you find Restaurants, Cafes, Bars, Attractions, and more. For more information, refer to *"Places"* on page 140.

Play Books: Choose from millions of titles on Google Play including new releases, best sellers, up-and-coming authors, and free books.

Play Store: Google Play provides access to downloadable applications and games to install on your phone. For more information, refer to *"Play Store"* on page 141.

Quickoffice: The Quickoffice application allows you to create and save Microsoft Word and Excel documents. You can also view existing Powerpoint presentations and PDFs. For more information, refer to *"Quickoffice"* on page 141.

Samsung Apps: Samsung Apps allows you to easily download an abundance of useful applications to your phone.

Search: The Google Search Bar provides you an on-screen Internet search engine powered by Google™. For more information, refer to *"Google Search Bar"* on page 20.

Settings: This icon navigates to the sound and phone settings for your phone. It includes such settings as: display, security, memory, and any extra settings associated with your phone. For more information, refer to *"Changing Your Settings"* on page 87.

Social Hub: With Social Hub, you can now easily and intuitively satisfy all of your relevant communication needs from one integrated user experience. E-mails, instant messaging, social network contents, and calendar contents from all major service providers are available. For more information, refer to *"Social Hub"* on page 143.

Talk: Google Talk is a free Windows and web-based application for instant messaging offered by Google. Conversation logs are automatically saved to a Chats area in your Gmail account. This allows you to search a chat log and store them in your Gmail accounts. For more information, refer to *"Talk"* on page 84.

Task: The Task application allows you to keep track of tasks that you have. You can also sync them with different accounts. For more information, refer to *"Task"* on page 143.

Task Manager: The Task Manager application provides information about the processes and programs running on your phone, as well as the memory status. It can also be used to terminate processes and applications. For more information, refer to *"Task Manager"* on page 144.

Videos: The Video application plays video files stored on your microSD card. For more information, refer to *"Videos"* on page 66.

Vlingo: Vlingo is a virtual assistant that helps you get things done quickly and easily. For more information, refer to *"Vlingo"* on page 144.

Voice Recorder: The Voice Recorder allows you to record an audio file up to one minute long and then immediately send it as a message. For more information, refer to *"Voice Recorder"* on page 144.

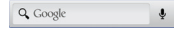
Voice Search: The Voice Search feature is a voice-activated application that allows you to tell the phone what to search for and then the phone activates a Google search based on what you said. For more information, refer to *"Voice Search"* on page 145.

YouTube: YouTube is a video sharing website on which users can upload and share videos, and view them in MPEG-4 format. For more information, refer to *"YouTube"* on page 146.

Tip: To open applications quickly, add the icons of frequently-used applications to the Home screen or to the folders you created. For details, see *"Customizing Your Home Screen"* on page 23.

Google Search Bar

The Google Search Bar provides you an on-screen Internet search engine powered by Google™.

1. From the home screen, tap the Google Search bar 

.
2. Use the keyboard or on-screen keypad to enter the item you want to search for.
3. Tap to use Google Voice Search. For more information, refer to *"Voice Search"* on page 145.

Menu Navigation

You can tailor the phone's range of functions to fit your needs using both menus and widgets. Menus, sub-menus, and features

can be accessed by scrolling through the available on-screen menus. Your phone originally has seven home screens.

Command Keys

Menu Key

Press **Menu** to display a context-sensitive menu of options for the current screen or feature.

Home Key

Press **Home** to display the Home screen. Press and hold to display your recently used applications and a shortcut to the Task Manager.

Back Key

Press **Back** to return to the previous screen, option or step.

Search Key

Press **Search** to launch Quick Search, to search the web and your phone.

Terms used in this user manual

Tap

Lightly touch items to select or launch them. For example:

- Tap the on screen keyboard to enter characters or text.
- Tap a menu item to select it.
- Tap an application's icon to launch the application.

Touch and Hold

Activate on-screen items by a touch and hold gesture. For example:

- Touch and hold a widget on the home screen to move it.
- Touch and hold on a field to display a pop-up menu of options.

Sweep

To sweep, lightly drag your finger vertically or horizontally across the screen. Use sweep when:

- Unlocking the screen
- Scrolling through the Home screen or a menu

Locking and Unlocking the Phone

To unlock your phone:

1. Press the lock button located on the upper right side of your phone.

2. Sweep the touch screen in any direction.

3. The Home screen will display as shown above.

Home Screen Overview

The home screens are the starting point for many applications and functions, and it allows you to add items like application icons, shortcuts, folders, or Google widgets to give you instant access to information and applications. The last viewed home screen accessible from any menu by pressing .

Navigating Through the Home Screens

Your phone initially has seven home screens. If you like, you can place different applications on each of the home screens.

- From any Home screen, sweep the screen with your finger in either direction.

Navigating Through the Application Menus

Your phone initially has three Application Menus available. Follow these steps to navigate through the Application Menus:

1. At the Home screen, tap . The main Application Menu will be displayed.
2. Sweep the screen left or right to access the other menus.
3. Tap one of the application icons.

Note: As you add applications, the number of Application menus that you have available will increase.

Navigating Using Sub-Menus

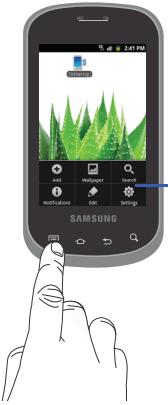
Sub-menus are available when you are at any Home screen or have selected a feature or application such as Phone, Contacts, Messaging, or Web.

To access a sub-menu:

1. Press .

   A sub-menu will appear at the bottom of the phone screen.

2. Tap an option.



Accessing Recently-Used Applications

1. Press and hold from any screen to open the recently-used applications window.
2. Tap an icon to open the selected application.

Customizing Your Home Screen

You can customize your Home screen by doing the following:

- Creating shortcuts
- Adding and removing widgets on the Home screen
- Repositioning widgets
- Creating folders
- Changing the wallpaper
- Adding and deleting Home screens

Creating Shortcuts

Shortcuts are different than the current Home screen widgets that only launch an application. Shortcuts activate a feature, action, or launch an application.

Note: To move a shortcut from one screen to another, it must first be deleted from its current screen. Navigate to the new screen, then add the shortcut.

Adding a shortcut from the Applications Menu

1. Press to activate the Home screen.
2. Navigate to the desired Home page.
3. Tap to display your current applications.
4. Scroll through the list and locate your desired application.
5. Touch and hold the on-screen icon. This creates an immediate shortcut of the selected icon and closes the Applications tab. The new shortcut then appears to hover over the Home screen.
6. While still holding the on-screen icon, position it on the current page. Once complete, release the screen to lock the new shortcut into its new position on the current screen.

Adding a shortcut via the Add to Home screen

1. Press to activate the Home screen.
2. Touch and hold on an empty area of the Home screen.
3. From the **Add to Home** window, tap **Shortcuts**.
4. Tap a shortcut from the available list.
5. Follow the on-screen instructions to add the new shortcut to your current Home screen.

Deleting a shortcut

1. Press to activate the Home screen.
2. Touch and hold the desired shortcut. This unlocks it from its location on the current screen.
3. Drag the icon over the **Remove** icon and release it.

As you place the shortcut into the Trash, both items turn red.

Note: This action does not delete the shortcut, it just removes it from the current screen.

Adding and Removing Primary Shortcuts

You can change any of your primary shortcuts with the exception of the **Applications** and **Home** shortcuts.

1. Press to activate the main Home screen.
2. Tap to display your current applications.
3. Press and tap **Edit**.
4. If the **Reorganize icons** screen is displayed, tap **Switch**. The view type must be set to **customizable grid**.
5. Scroll through the list and locate your desired application.
6. Touch and hold the on-screen icon, then drag it over the primary shortcut that you want to replace. The new primary shortcut then appears at the bottom of the screen. The old primary shortcut will return to the application menu.
7. Press and tap **Save**.
8. Press to return to the Home screen.

The new primary shortcut will now appear on all Home screens.

Note: When a primary shortcut is removed, it will then appear as an option in the Application menu.

Adding and Removing Widgets

Widgets are self-contained applications that reside in either your Applications tab or on the main or extended Home screens. Unlike a shortcut, the widget appears as an on-screen application.

Note: To move a widget from one screen to another, it must first be deleted from its current screen. Activate the new screen, then add the widget.

Adding a Widget

1. Press to activate the Home screen.
2. Navigate to the desired Home page.
3. Touch and hold on an empty area of the screen.
4. From the **Add to Home** window, tap **Widgets**.
5. Scroll through the available widgets at the bottom of the screen, then tap it to place it on your current screen.

Removing a Widget

1. Touch and hold a widget until you can move it around on the

screen.

2. Drag the widget over the **Remove** icon and release it.

   As you place the widget into the Trash, both items turn red.

Note: This action does not actually delete the widget, it just removes it from the current Home screen.

Moving Icons in the Applications Menu

1. Press to activate the Home screen.
2. Tap to display your current applications.
3. Press and tap **Edit**.
4. If the **Reorganize icons** screen is displayed, tap **Switch**. The view type must be set to **customizable grid**.
5. Read the **Edit applications** information and tap **OK** (this only displays the first time you edit the Applications menu).
6. Scroll through the list and locate the icon you wish to move.
7. Touch and drag the icon to the position that you want. To move to a different page, drag the icon to the edge of the page until the page scrolls to the desired page.
8. Press and tap **Save**.
9. Press to return to the Home screen.

Deleting Icons from the Applications Menu

1. Press to activate the Home screen.
2. Tap to display your current applications.
3. Press and tap **Edit**.
4. Tap an application that you would like to delete from the Applications menu. It must have a symbol next to it in order to delete it.
5. Tap the icon.
6. At the Delete prompt, tap **Yes**.

   The application is deleted.

Note: If you would like to get an application that you have previously deleted, use the Android Market to download it. For more information, refer to *"Play Store"* on page 141.

Creating and Managing Folders

Folders are located on any of the seven available Home screens and can contain both files (such as data and images) and Contact information or entries.

To create a folder on-screen follow these steps:

1. Press [Home] to activate the Home screen.
2. Navigate to the desired Home Page.
3. Touch and hold on an empty area of the screen.
4. From the **Add to Home** window, tap **Folders**.
5. Tap an available folder type to place it on your current screen.
   - Choices include New folder, All contacts, Contacts with phone numbers, Bluetooth received, and Starred contacts.

Note: Starred contacts are those Contact entries tagged as very important.

Changing the Wallpaper

You can change the Wallpaper (background) of your home screens by following these steps:

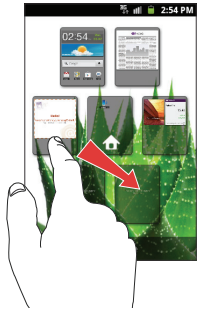
1. Press [Home] to activate the Home screen.
2. Touch and hold on an empty area of the screen.
3. From the **Add to Home** window, tap **Wallpapers**.
4. Tap one of the following options:
   - **Gallery**: select a wallpaper from photographs you have taken with your camera.
   - **Live wallpapers**: select an animated wallpaper.
   - **Wallpaper gallery**: select from many still-life wallpapers.
5. Select a wallpaper and tap **Save** or **Set wallpaper**.

Moving Home Screens

Your phone comes with seven Home screens. You can arrange the screens in any order that you want.

To move a Home screen, follow these steps:

1. Press [Home] to activate the Home screen.
2. Press [Menu] and tap **Edit**.
3. Touch and hold the Home screen you want to move.



4. Drag it to the location that you would like to place it.

When you move a Home screen, the other Home screens will be re-ordered automatically.

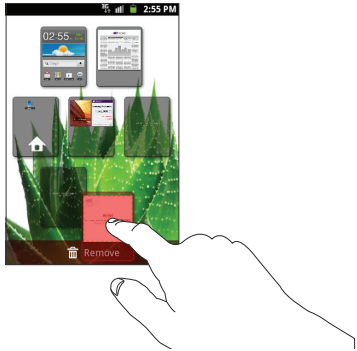
5. Press to return to the main Home screen.

Adding and Deleting Home Screens

You can delete Home screens and then add Home screens later if you want.

To delete a Home screen, follow these steps:

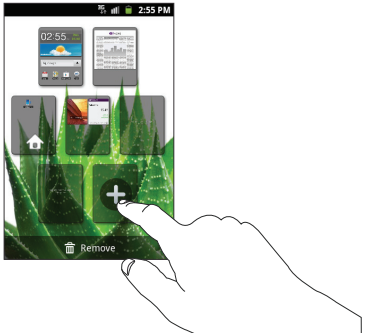
1. Press to activate the Home screen.
2. Press and tap **Edit**.
3. Touch and hold the Home screen you want to delete.
4. Drag it to the trash can icon located at the bottom of the screen.



5. If there are items on the Home screen that you want to delete, the **Home screen has items. Delete?** prompt is displayed.
6. Tap **Yes** to remove the page, otherwise, tap **No**.
7. Press to return to the main Home screen.

To add a Home screen, follow these steps:

1. Press to activate the Home screen.
2. Press and tap **Edit**.
3. Touch and hold the Home screen that contains and drag it to the new location.



Note: The icon will only be displayed if a Home screen has previously been deleted.

4. Press to return to the main Home screen.

   You can now add items to your new Home screen.

Notification Bar

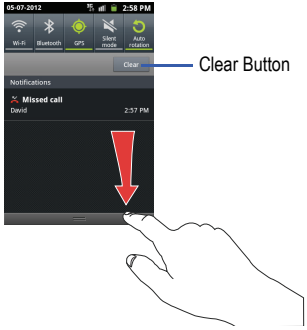
The Notification Bar includes a pull-down list to show information about processes that are running, recent notifications, and alerts. To display the Status indicator:

- On the Home screen, touch and hold the Notification Bar until the pull-down displays, then drag down vertically.

Clearing Notifications

To clear all notifications from the Notification panel:

1. From the Home screen, touch and hold the Notification Bar until the pull-down displays, then drag down vertically.



2. Tap the **Clear** button.

   The notifications are cleared and the panel closes.

Memory Card

Your device lets you use a microSD™ (SD) or microSDHC™ card to expand available memory space. This secure digital card enables you to exchange images, music, and data between SD-compatible devices. This section addresses the features and options of your device's SD functionality.

Using the SD Card

There are several methods for using the SD card:

1. Connecting to your PC to store files (such as music, videos, or other types of files and media).
2. To activate the camera, video, music player, and other dependant media or applications.

Important!: The Camera, Music Player, and Video functionality require a mounted SD card. Your device supports SDHC cards up to 32GB capacity.

SD Card Overview

After mounting an SD card in the device you can use your computer to access and manage the SD card.

Important!: If access to the SD card from the PC is not available, download and install the USB drivers.

Mounting the SD Card

You must mount (install) an SD card in order to store photos, music and videos.

1. Insert the SD card into the external SD card slot. For more

information, refer to *"Installing and Removing the Memory Card"* on page 3.

2. Your SD card is scanned to see the available information.

Unmounting the SD card

Unmounting the SD card prevents corruption and damage to the SD card while removing it from the slot.

1. From the Home screen, tap ➔ **Settings** ➔ **Storage**.
2. Tap **Unmount SD card**.

   For more information, refer to *"Installing and Removing the Memory Card"* on page 3.

SD card Available Memory Status

To view the memory allocation for your external SD card:

1. From the Home screen, tap ➔ **Settings** ➔ **Storage**.
2. The available memory displays under the **Total space** and **Available space** headings.

Erasing Files from the SD card

You can erase all files from the SD card using the phone.

1. Ensure the SD card is mounted. For more information, refer to *"Mounting the SD Card"* on page 30.
1. From the Home screen, tap ➔ **Settings** ➔ **Storage**.
2. Tap **Unmount SD card**.
3. Tap **Format SD card**.
4. At the **Format SD card** confirmation prompt, tap **Format SD card**.

Warning!: Performing the next step erases all data stored on the SD card.

5. Tap **Erase everything** to format or press to cancel.

Section 3: Call Functions

This section describes how to make or answer a call. It also includes the features and functionality associated with making or answering a call.

For more information, refer to *"Call Settings"* on page 94.

Displaying Your Phone Number

▶ Tap → **Settings** → **About phone** → **Status**. Your phone number is displayed in the **My phone number** field.

Making a Call

1. From the Home screen, tap and use the on-screen keypad to enter the number you wish to dial.
2. Tap to make the call.

Note: When you activate the **Auto redial** option in the Voice Call menu, the phone will automatically redial up to 10 times when the person does not answer the call or is already on the phone. For more information, refer to *"Call Settings"* on page 94.

Making an International Call

1. From the Home screen, tap , then touch and hold 0 +. The **+** character appears.
2. Use the on-screen keypad to enter the country code, area code, and phone number.
   - If you make a mistake, tap until the desired numbers have been deleted.
3. Tap to make the call.

Manual Pause Dialing

To manually call a number with pause(s) without storing it in your Contacts list:

1. From the Home screen, tap and use the on-screen keypad to enter the phone number.
2. Press to display the dialer sub-menu.
3. Tap **Add 2 sec pause** to add a three-second pause, and use the keypad to enter the additional numbers.

Tip: You can create pauses longer than three seconds by entering multiple 2 sec pauses.

4. Select **Add wait** to add a wait. A wait will pause the calling sequence until you enter a number or press a key.
5. Tap to make the call.

For more information, refer to *"Adding Pauses to Contact Numbers"* on page 53.

Correcting an Entered Number

Use the following steps to correct a mis-typed entry when dialing.

- After entering a number using the keypad:
  - If you make a mistake, tap to erase a single character.
  - Press and hold to erase the entire string of numbers.

Ending a Call

- Tap the key.

Dialing a Recent Number

All incoming, outgoing and missed calls are recorded in the **Call log**. If the number or caller is listed in your Address Book, the associated name also displayed.

1. From the Home screen, tap .
2. Tap **Logs** .

   A list of recent calls is displayed.
3. Tap the desired Contact to enter the **Details** page, then tap to make a call.

Making a Call Using Speed Dial

You can assign a short cut number to a phone number in your Contacts List for speed dialing.

1. From the main Home screen, tap to display your Contacts List.
2. Press → **More** → **Speed dial settings**.
3. The **Speed dial settings** screen displays showing the numbers 1 through 9. The number 1 is reserved for Voicemail.
4. Tap an unused number and the **Contacts** screen displays.
5. Select a contact to assign to the number. The selected contact number will display in the speed dial number box.
6. To remove a speed dial number or change the order, press → **Change order** or **Remove**.
7. To make a call using Speed Dial, tap → **Keypad** and from the Dialer, touch and hold the speed dial number.

Making a Call from the Address Book

You can store phone numbers that you use regularly on the SIM card or in the phone's memory. These entries are collectively called the **Address Book**.

For further details about the **Address Book** feature, see *"Finding an Address Book Entry"* on page 54.

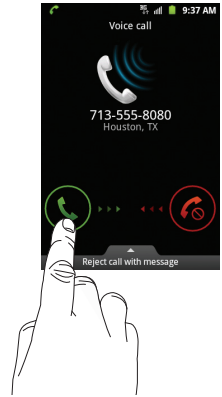
Answering a Call

When a call is received the phone rings and displays the caller's phone number, or name if stored in the Address Book.

1. At the incoming call screen:
   - Touch and drag in any direction to answer the call.
   - Touch and drag in any direction to reject the call and send it to your voicemail.
   - Touch and drag the **Reject call with message** tab upward and tap a predefined text message to send to the caller.
     - I am driving
     - I am at the cinema
     - I am in class now
     - I am in meeting
     - Sorry, I am busy. Call back later.

   – or –

     - Tap **Create new message** to compose a new message.



2. Tap End call to end the call.

Note: You can answer a call while using the Address Book or other menu feature. After ending the call, the phone returns to the previously active function screen.

Dialing Options

From the Home screen and Application menus, you have the option to access the Dialer and initiate a call by tapping → **Keypad**. From the main Contacts page or from the Dialer, the following tabs are located at the top of your screen:

- **Keypad**: dials the current number entered using the on-screen keypad.
- **Logs**: displays a list of all dialed, received, and missed calls.
- **Contacts**: takes you to your Address Book where you can select a contact to call.
- **Favourites**: displays your contacts that you have marked as Favourites. Also displays frequently called numbers.
- **Groups**: displays the different groups that are set up on your phone. From this tab you can assign your contacts to default groups or create your own groups.

After you begin to enter numbers, the **Add to Contacts** option appears so you can save the Contact if needed.

Call Log

The phone stores the numbers of the calls you've dialed, received, or missed in the **Call log**. The Call log displays the details of the call.

1. From the Home screen, tap .
2. Tap **Logs** .

   A list of recent calls is displayed. If the number or caller is listed in your Address Book, the associated name is displayed.
3. Swipe a call number to the right to make a call or to the left to send a message.

All calls made, received, and missed are listed. Types of calls are identified by the following icons:

- **Incoming Calls**:
- **Outgoing Calls**:
- **Missed Calls**:
- **Rejected Calls**:
- **Auto Rejected Calls**:

Viewing Missed Calls from the Lock Screen

The number of calls you have missed is displayed on the Lock screen.

1. Tap the missed call icon with the number of missed calls on it and move it in any direction.

Note: If there is a voicemail sent by the same number, associated icons are displayed and can then be selected.

2. The Call log is displayed. Missed calls are identified by the icon next to the number.

Calling Back a Missed Call

To call back a missed call number:

1. From the Home screen, tap → **Logs**.

   A list of recent calls is displayed. If the number or caller is listed in your Address Book, the associated name is displayed.

2. Tap the desired missed call. The call detail page is displayed.
3. Tap .

   – or –

   From the call log, swipe the missed call number to the right.

Saving a Recent Call to your Address Book

1. From the Home screen, tap → **Logs**.

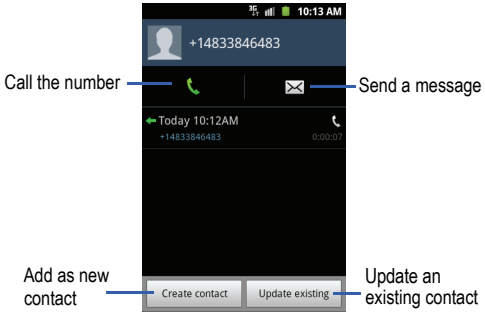
   A list of recent calls is displayed.

2. Tap the call you want to save to your Address Book.
3. The call detail page is displayed. Tap **Create Contact** to add the call to your Address Book.

   The Create contact screen is displayed.

   – or –

   If you want to replace the number for an existing contact, tap **Update existing**.



4. Enter information into the various fields using the keypad.
5. Tap **Save** when you are finished.

Note: By default, your contacts are automatically saved to your phone. To change where your contacts are saved to, from the main Contacts screen, press ➔ **More** ➔ **Settings** ➔ **Save new contacts to**. Select **Always ask**, **Phone**, **SIM**, or **Account**.

For further details about the **Address Book** feature, see *"Adding a New Contact"* on page 51.

Sending a Message to a Recent Call

1. From the Home screen, tap ➔ **Logs**.

   A list of recent calls is displayed.
2. Tap the call you want to send a message to.

   The call detail page is displayed.
3. Tap .

   – or –

   From the call log, swipe the recent call number to the left.
4. At the Message screen, tap the empty text field and use the on-screen keypad to type in a message.
5. When you are done with your message, tap **Send**.

   For more information, refer to *"Creating and Sending Messages"* on page 77.

Deleting a Call from the Call Log

1. From the Home screen, tap ➔ **Logs**.

   A list of recent calls is displayed.
2. Touch and hold the call you want to delete from the Call log.
3. Tap **Delete**.

The call is deleted from the Call log.

Adding a Call to the Reject List

1. From the Home screen, tap → **Logs** .

   A list of recent calls is displayed.

2. Touch and hold the call you want to add to the Reject List.
3. Tap **Add to reject list**.

   Future calls from this number will be rejected and sent to your voicemail.

Call Duration

1. From the Home screen, tap .
2. Tap **Logs** .
3. Press → **Call duration**.
4. The following times are displayed for Voice:
   - **Last call**: shows the length of time for the last call.
   - **Dialled calls**: shows the total length of time for all calls made.
   - **Received calls**: shows the total length of time for all calls received.
   - **All calls**: shows the total length of time for all calls made and received.
5. You may reset these times to zero by pressing then tapping **Reset**.

Options During a Call

Your phone provides a number of control functions that you can use during a call.

Adjusting the Call Volume

During a call, to adjust the earpiece volume, use the **Volume** keys on the left side of the phone.

- Press the **Up** volume key to increase the volume level and press the **Down** volume key to decrease the volume level.

From the Home screen, you can also adjust the ringer volume using these same keys.

In-Call Options

During an active call there are several functions available by tapping a corresponding on-screen button.

- **Hold**: place the current active call on hold.
- **Add call**: displays the dialer so you can call another person.
- **Keypad**: displays the on-screen keypad, where you can enter number using DTMF (Dual Tone Multi-Frequency).
- **End call**: terminates the call.

- **Speaker**: routes the phone's audio through either the speaker or through the earpiece.
  - Tap **Speaker** to route the audio through the speaker. (You can adjust the speaker volume using the volume keys.) A green line will appear under the Speaker button.
  - Tap **Speaker** again to use the phone's earpiece (see *"Using the Speakerphone During an Active Call"* on page 41.) The green line will turn grey when Speaker is not activated.
- **Mute**: turn the onboard microphone either on or off.
  - Tap **Mute** during a call to mute the microphone. A green line will appear under the Mute button.
  - Tap **Mute** again to unmute the microphone. The green line will turn grey when Mute is not activated.
- **Headset**: connects to a Bluetooth headset.
  - Tap **Headset** during a call to activate a Bluetooth headset. A green line will appear under the Headset button.
  - Tap **Headset** again to de-activate the Bluetooth headset. The green line will turn grey when the Headset is not activated.
- Press for more options:
  - **Contacts**: allows you to go to your Contact list.
  - **Memo**: allows you to jot down a memo during a call.

Placing a Call on Hold

You can place the current call on hold at any point during a conversation. You can also make another call while you have a call in progress if your network supports this service.

1. While on a call, tap **Hold** . This action places the current caller on hold (which is displayed on-screen as a greyed-out box).
2. You can later reactivate this call by tapping **Unhold**.

To make a new call while you have a call in progress

1. Tap **Hold** .
2. Tap **Add call** to display the dialer.
3. Enter the new number and tap .

   Once connected, the active call will appear in a large box in the middle of your screen and the call on hold will appear in a small box in the upper right corner of your screen.

Switching Between Calls

When you have an active call and a call on hold, you may switch between the two calls, changing the one on hold to active and placing the other on hold.

1. Tap **Swap**.

The current call (caller #2) is placed on hold and the previous call on hold (caller #1) is then reactivated so that you can continue conversing with that person. The active call will appear in a green box.

2. Tap to end the currently active call.

To end a specific call

1. Tap **Swap** until the call you want to end appears in a green box.
2. Tap to end the specific call.
3. Tap to end the remaining call.

To answer a call while you have a call in progress

1. Touch and drag in any direction to answer another call.
2. Tap **Putting "Phone Number" on hold** to put the first call on hold.

   – or –

   Tap **Ending call with "Phone Number"** to disconnect the first call.
3. To switch between the two calls, tap **Swap**.

- **Swap**: Places the current call on hold and then activates the previous call. The active call will appear in a green box. Tap **Swap** again to switch back.

To end a call on hold

1. Tap to disconnect the active call.
2. The call on hold, will now become the active call. Tap to end the call.

3-Way Calling (Multi-Party Calling)

The 3-Way or Multi-Party feature allows you to answer a series of incoming calls and place them on hold. If this service is supported by the network, all calls can be joined together. You are notified of an incoming call by a call waiting tone.

Note: The **Merge** option combines all of the calls you have established with your phone (both active and on hold).
Swap places the current call on hold and then activates the previous call.

This feature joins all of the calls you have established with your phone (both active and on hold) into a multi-party call.

1. Touch and drag in any direction to answer the call.
2. Touch and drag in any direction to answer the next call.

   The first call is automatically put on hold.

3. Join the first two callers into a single multi-party call by tapping **Merge**.
4. To temporarily leave the conference call, tap **Hold**.

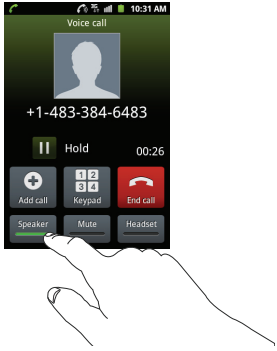
   To rejoin the conference call tap **Unhold**.
5. Tap to end the call.

Using the Speakerphone During an Active Call

While in an active call, it is possible to enable the speakerphone feature.

1. Tap **Speaker** .

The **Speaker** button now appears as and the speakerphone is activated.



2. Use the **Volume** keys (located on the left side of your phone) to adjust the volume.
3. To deactivate the speakerphone, tap **Speaker** .

Switching off the Microphone (Mute)

You can temporarily switch your phone's microphone off, so that the other person cannot hear you.

Example: You wish to say something to person in the room, but do not want the person on the phone to hear you.

To mute your phone during a call

1. Tap **Mute**

.

   The **Mute** button now appears as

and Mute is activated.

2. Tap **Mute**

to deactivate the Mute function and reactivate the microphone.

Bluetooth headset

1. Tap **Headset**

.
2. The phone will scan for your Bluetooth headset. When found, connect to the headset.

   The **Headset** button now appears as

and the Bluetooth headset is activated.

3. Tap **Headset**

to deactivate the Bluetooth headset and reactivate the phone speaker.

Searching for a Number in Address Book

1. During the active call, press then tap **Contacts**
2. Tap the Address Book entry.

For further details about the **Address Book** feature, see *"Finding an Address Book Entry"* on page 54.

Call Waiting

The Call Waiting feature allows you to answer an incoming call while you have a call in progress, if this service is supported by the network, and you must first activate the Call Waiting feature:

- Tap **→ Settings → Call → Additional settings → Call waiting**.

  A checkmark will appear in the box when activated. You are notified of an incoming call by a call waiting tone.

Section 4: Entering Text

This section describes how to use your keyboard when entering text and how to select the desired text input method when using the onscreen keypad. This section also describes the predictive text entry system that reduces the amount of key strokes associated with entering text.

Your phone comes equipped with an orientation detector that can tell if the phone is being held in an upright (Portrait) or sideways (Landscape) orientation. This is useful when entering text.

Using the QWERTY Keyboard

When you slide open your phone, there is a four-row QWERTY keyboard with dedicated Android keys. Using the QWERTY keyboard to type letters, numbers, punctuation, and other special characters into text entry fields or other applications is simple and fast.

The keyboard provides dual-use keys labeled with alphabetic characters on the bottom half (in white) and numbers, punctuation, and symbols (light blue) on the top half. Press the key corresponding to the character you want to enter.

Note: When the QWERTY keyboard is used, the screen can only display in the landscape orientation.

Special Keys

The following keys perform special functions when entering text:

1. **Shift** (⇧): Press quickly to set uppercase or lowercase. Press twice to set to type all uppercase.

2. **Alt (** Alt **)**: Press once to type special characters and numbers that appear in light blue on the top half of the QWERTY keys. Examples: $, @, #, !, 1, 2. Press twice to type multiple characters (ALT LOCK). Press again to deactivate this function.
3. **Symbols/Emoticons (** Sym **)**: Press to display a screen of symbols. Press Alt and then press Sym to display Emoticons. To choose an Emoticon, tap the icon or use the Navigation keys to highlight it and press the **OK** key.
4. **Voice to Text (** **)**: Press to use your voice to enter text using the Voice to Text feature.
5. **Space (** **)**: Press to insert a space. Double press inserts a period and a space.
6. **Navigation**: Use the **Up** ▲, **Down** ▼, **Left** ◄, and **Right** ► keys to move the cursor through fields on the screen.
7. **OK (** OK **)**: Use this key to select or execute a field.
8. **Enter (** **)**: Press to start a new line.
9. **Backspace (** **)**: Press to delete the previous character, similar to the backspace key on a computer keyboard. Press and hold to clear all letters in the display.

Entering Numbers, Punctuation Marks, and Symbols

To enter numbers:

1. Press Alt.
2. Press the key that corresponds to the number.

To enter punctuation marks or symbols:

1. Press Alt.
2. Press the key that corresponds to the punctuation mark or symbol.

To enter additional punctuation marks and symbols:

1. Press Sym.
2. Tap the icon for your selection or use the **Up** ▲, **Down** ▼, **Left** ◄, and **Right** ► navigation keys to scroll to your selection then press the **OK** OK key to make your selection.

Using Emoticon Mode

Emoticons are a group of characters that represent your mood or facial expression. Several Emoticons are available on your phone's keyboard and can be entered into your text.

To enter an Emoticon:

1. Press Alt ➔ Sym.
2. Tap the icon for your selection or use the **Up** ▲, **Down** ▼, **Left** ◄, and **Right** ► navigation keys to scroll to your selection then press the **OK** OK key to make your selection.

Entering Text in an Edit Field

When you are editing a field, such as a contact name, the initial caps mode is used by default. That is, the first letter of each word typed is capitalized and subsequent letters are lowercase.

To enter numbers or punctuation marks:

1. Press Alt.
2. Press the key that corresponds to the number or punctuation mark.

To enter symbols:

1. Press Sym.
2. Tap the icon for your selection.

Note: When you are editing a phone number field, only numbers can be entered.

Navigating with the QWERTY Keyboard

Use the **Up** ▲, **Down** ▼, **Left** ◄, and **Right** ► keys to move the cursor from field to field on the screen. The active field is usually highlighted in blue.

Use the **OK** OK key to select a field to type in or a command to execute, such as **Save** or **Send**.

While using the keyboard, it is still possible to touch a field on the screen or sweep the screen to scroll through lists as you would if you were using the on-screen keypad. In other words, the keyboard can be used for all typing functions or it can be used with the touch screen features.

Using the On-screen Keypad

On-screen Text Input Methods

There are three text input methods available when using the on-screen keypad:

- **Samsung Keypad**: Samsung's on-screen QWERTY keypad that can be used in both portrait and landscape orientation.
- **Swype**: a new way to enter text on touch screens. Instead of tapping each key, use your finger to trace over each letter of a word.

To change the input method, see *"Select input method"* on page 107.

Using the Samsung Keypad

This QWERTY keypad can be used to enter text in either portrait or landscape orientation. The only difference between the two orientations are the sizes of the keys.

Enabling Samsung Keypad

Using the QWERTY keypad/ keyboard, you can type letters, numbers, punctuation, and other characters.

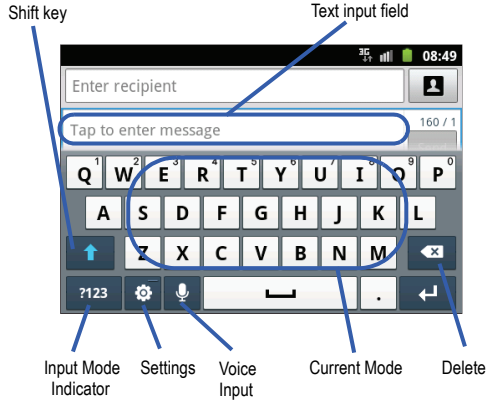
To use the Samsung keypad you must first configure the settings to use the Samsung keypad.

1. From the Home screen, tap **Applications** → **Settings** → **Language and keyboard** → **Select input method** → **Samsung keypad**.

   – or –

   From a screen where you can enter text, tap and hold the text input field and tap **Input method** → **Samsung keypad**.

2. The on-screen keyboard is then assigned to the Samsung keypad configuration for all subsequent text input.



Changing the Text Input Mode in Keypad

1. From a screen where you can enter text, tap the text input field to reveal the on-screen keyboard.
2. With Samsung keypad as your text entry method, select one of the following text mode options:
   - **ABC** ABC to use alphabetic characters from the on-screen keyboard. In this mode, the text mode button displays ?123.
   - **SYM** (Symbol) ?123 to enter numbers by pressing the numbers selecting them on the onscreen keyboard. In this mode, the text mode button displays ABC.

Using ABC Mode in Samsung Keypad

1. From a screen where you can enter text, tap the text input field to reveal the on-screen keyboard.
2. Tap ABC to configure the keyboard for ABC mode. Once in this mode, the text input type shows ?123.

Note: After typing an initial uppercase character, the ⬆ key changes to ⬆ and all letters that follow in the same sentence are in lower case. The first letter of every new sentence is displayed as uppercase.

3. Enter your text using the on-screen keyboard.
   – If you make a mistake, tap ⌫ to erase a single character. Touch and hold ⌫ to erase an entire word.
4. Tap Send to send the message.

⬆ **All lowercase**

Displays when all characters are entered in lowercase.

⬆ **Initial Uppercase**

The first character of a sentence is entered as uppercase but all subsequent characters are lowercase.

⬆ **All Uppercase**

Displays when all characters will be entered as uppercase characters (tap and hold the key).

By default, the first letter of a new entry is capitalized and the following letters are lowercase. After a character is entered, the cursor automatically advances to the next space.

Using Symbol Mode in Samsung Keypad

Use Symbol Mode to add numbers, symbols, or emoticons. While in this mode, the text mode key displays ABC.

1. From a screen where you can enter text, tap the text input

field to reveal the on-screen keyboard.

2. Tap ?123 to configure the keyboard for Symbol mode.Once in this mode, the text input type shows ABC.
3. Tap the appropriate symbol key.

   – or –

   Tap 1/3 to select from additional pages of symbol characters.

   - The first number on this key indicates which page (1, 2, or 3) of additional characters is active.
4. Tap ABC to return to ABC mode (key shows ?123).

For information on changing Samsung Keypad settings, see *"Samsung Keypad settings"* on page 108.

Using XT9 Predictive Text

XT9 is a predictive text system that has next-letter prediction and regional error correction, which compensates for users pressing the wrong keys on QWERTY keyboards.

Note: XT9 is only available when ABC mode is selected. XT9 advanced settings are available only if the XT9 field has been selected.

Enabling XT9:

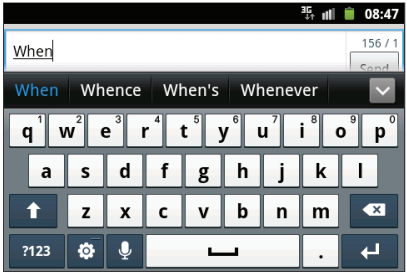
1. From the Home screen, tap **Applications** → **Settings** → **Language and keyboard** → **Select input method** → **Samsung keypad**.

   – or –

   From within an active text entry screen, tap at the bottom of the screen to access the **Samsung keypad settings** screen.
2. Tap the **XT9** field. A checkmark indicates activation.

Using XT9:

1. In the text portion of the message screen, begin typing a word. A list of word options is displayed. Tap one of the words to replace the word that has already been typed or scroll the line of words to the left for more word choices.



2. Continue typing your message. Tap Send to send the message or press for more options.

Note: You can also use the XT9 option in the portrait orientation.

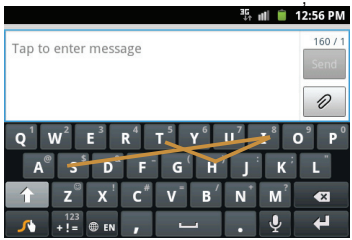
Setting XT9 options:

For information on changing XT9 Advanced settings, see *"XT9 Advanced Settings"* on page 109.

Entering Text Using Swype

Swype™ is a text input method that allows you to enter a word by sliding your finger or stylus from letter to letter, lifting your finger between words. Swype uses error correcting algorithms and a language model to predict the next word. Swype also includes a tapping predictive text system.

The following example shows how to enter the word “This”. Put your finger down on the “T”, and without lifting, glide it to the “h”, then to the “i” then over to the “s”.



Enabling and Configuring Swype

The Android Keyboard is the default text input method, so to use Swype, you must first change the default keyboard setting.

To enable Swype:

1. While composing a message, touch and hold anywhere on the message screen.
2. Tap **Input method**.
3. Tap the **Swype** option. A green circle should appear next to **Swype**.

Swype Settings

To configure Swype settings, see *"Swype Settings"* on page 107.

Swype Text Entry Tips

You can access the SwypeTips application and watch a video or tutorial on using Swype. You can also use the following Swype text entry tips.

- Create a squiggle (like an S shape) to create a double letter (such as pp in apple).
- Touch and hold a key to view the punctuation menu then make a selection.
- Move your finger or stylus over the apostrophe to enter contractions.
- Double-tap on the word you want to change to correct a misspelled word, then tap the delete key to erase one character. Touch and hold the delete key to erase an entire word.

Using the Voice to Text Feature

You can use your voice to enter text using the Voice to Text feature.

1. From any messaging screen, tap .
2. At the **Speak now** prompt, speak clearly and distinctly into the microphone.
3. **Working...** is displayed while the software is converting your voice to text.
4. The text is displayed in the message.

Note: The feature works best when you break your message down into smaller segments.

Section 5: Contacts and Your Address Book

This section allows you to manage your daily contacts by storing their name and number in your Address Book. Address Book entries can be sorted by name, entry, or group.

Note: When storing an Address Book entry into your SIM card, note that only the name, phone number, group, and slot location are initially offered as fields (some SIM cards may allow an address as well). Although you may add additional fields to a SIM entry; if you move that same SIM card to another model phone, it is possible that only the basic information will be transferred.

Note: Initially, the **Contacts** icon is one of the primary shortcuts. If you delete it, you must tap **Applications** ➔ **Contacts** or tap ➔ **Contacts** to access Contacts from the Dialer.

Adding a New Contact

Use the following procedure to add a new contact to your Address Book.

Saving a Number from the Home screen

1. From the Home screen, tap **Contacts** ➔ .
2. At the **Save contact to** prompt, tap **Phone**, **SIM** or Account name.
3. Tap the image icon and assign a picture to the new entry by choosing one of three options:
   - **Album** to retrieve a previously stored image from your Pictures folder and assign it to this entry. Tap an image to assign the image to the contact, then tap **Save**.
   - **Take photo** to use the camera to take a new picture and assign it to this entry.
   - **Remove icon** although not an option with a new entry, deletes any previously assigned image on an existing contact.
4. Tap the **Given name** and **Family name** fields and use the on-screen keypad to enter names for each entry. For more information, refer to *"Entering Text"* on page 43.
5. Tap next to the **Family name** field to display additional name fields.
6. Tap the **Phone number** field.

   The numerical keypad is displayed.

The **Mobile** button

initially displays next to the **Phone number** field. If you want to add a phone number that is not a mobile number, tap the **Mobile** button and select from Mobile, Home, Work, Work Fax, Home Fax, Pager, Other, Custom (add your own label), or Callback.

7. Enter the phone number.

   Tap to add another Phone number field or tap to delete a field.

8. The **Work** button

initially displays next to the first **Email address** field. If you want to add an Email address that is not a Work email address, tap the **Work** button and select from Work, Home, Mobile, Other, or Custom (add your own label).

   Tap the **Email address** field and enter the Email address.

9. The **Home** button

initially displays next to the second **Email address** field. If you want to add an Email address that is not a Home email address, tap the **Home** button and select from Work, Home, Mobile, Other, or Custom (add your own label).

   Tap the **Email address** field and enter the Email address.

   Tap to add another Email address field or tap to delete a field.

10. The **Google Talk** button

initially displays next to the **Instant msg** field. If you want to add an instant message address that is not **Google Talk**, tap the **Google Talk** button and select from Google Talk, AIM, Windows Live, Yahoo!, Skype, QQ, ICQ, Jabber, or Custom (add your own label).

    Tap the **Instant msg.** field and enter the IM address.

    Tap to add another Instant msg address field or tap to delete a field.

11. Tap any of the following fields that you want to add to your new contact:

    - **Groups**: assign the contact to Starred in Android, Co-workers, Family, Friends, My contacts, or a group that you have created.
    - **Ringtone**: adds a field used to assign a message tone that will sound when messages are received from this contact. Choose between Default ringtone, Select sound from My files, or Phone ringtone.
    - **Postal address**: adds a field used to assign a physical postal address for this entry.

- **Organization**: adds an organization field for this entry.
- **More**: Tap to add the following fields:
  - **Notes**: adds a field that allows you to jot down notes.
  - **Nickname**: adds a field that can be used to enter a nickname for the entry. The Nickname is not displayed when calls are made to or received from the contact.
  - **Website**: adds a field for the contact's Web site URL.
  - **Birthday**: adds a field for the contact's birthday.
  - **Anniversary**: adds a field for the contact's anniversary.

12. Tap **Save** to save the new contact.

Note: By default, your contacts are automatically saved to your phone. To change where your contacts are saved to, from the main Contacts screen, press → **More** → **Settings** → **Save new contacts to**. Select **Always ask**, **Phone**, **SIM**, or **Account**.

Adding Pauses to Contact Numbers

When you call automated systems, you are often required to enter a password or account number. Instead of manually entering the numbers each time, you can store the numbers in your Contacts along with special characters called pauses and waits. A pause will stop the calling sequence for two seconds and a wait will pause the calling sequence until you enter a number or press a key.

To add a pause or a wait to a Contact:

1. From the Home screen, tap **Contacts** , and then tap the name or number to open the Contact.
2. Tap **Edit**.
3. Tap the phone number field.
4. Tap the screen at the position where the pause or wait needs to be added.
5. Tap .
6. Tap **Pause** to add a two-second pause or tap **Wait** to add a wait, and use the keypad to enter the additional numbers. A pause will be displayed as a comma (,) and a wait will be displayed as a semi-colon (;).
7. Tap **Save** to store your changes.

Editing an Existing Contact

When editing an existing contact, you can tap a field and change or delete the information, or you can add additional fields to the contact's list of information.

1. From the Home screen, tap **Contacts** . Tap the Contact that you want to edit.
2. Tap **Edit**.
3. Tap to add a new field and tap to delete a field.

4. Tap any of the fields to add, change, or delete information.
5. Tap **Save** to save the edited information.

Using Contacts

Dialing or Messaging from Address Book

Once you have stored phone numbers in the Address Book, you can dial them easily and quickly by either using their SIM card location number or by using the Search field to locate the entry.

From the Address book, you can also send messages.

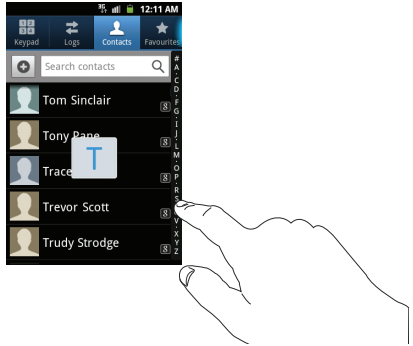
Finding an Address Book Entry

You can store phone numbers and their corresponding names onto your SIM card and phone's onboard memory. The two locations are physically separate but are used as a single entity, called the Address Book.

Depending on your particular SIM card, the maximum number of phone numbers the SIM card can store and how they are stored may differ.

1. From the Home screen, tap **Contacts** .

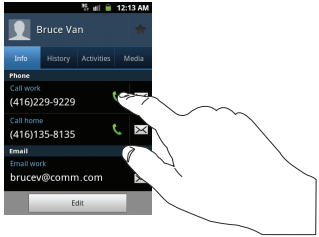
2. Within the Contacts list (sorted alphabetically), tap a letter on the right side of the display to quickly jump to the contacts beginning with that letter.



3. Swipe a contact to the right to make a call or to the left to send a message.

– or –

Tap the contact you wish to call or message, then tap the phone icon to make a phone call or tap the message icon to send a message.



For more information, refer to *"Creating and Sending Messages"* on page 77.

Tip: From the Contact list, sweep right over a listing to make a call. Sweep left over a listing to send a message.

Joining Contacts

Joining Contact Information

Many people now maintain multiple email accounts, social networking logins, and other similar account information. For example, a Facebook account login name might differ from a corporate email account login because they are maintained separately and for different groups of people.

This device can synchronize with multiple accounts such as Facebook, Twitter, LinkedIn,Corporate email, Google and ChatON. When you synchronize your phone with these accounts, each account creates a separate contact entry in the Contacts list.

If one of your contacts (Amy Smith, for example) has a regular email account that you maintain in Gmail, but also has a Facebook account under her maiden and married name, as well as a Yahoo! chat account, when you merge these accounts into your Contacts list you can join all of her entries and view the information in one record.

The next time you synchronize your phone with your accounts, any updates that contacts make to email account names, email addresses, etc. automatically update in your contacts list.

For more information about synchronizing accounts, see *"Synchronizing Accounts"* on page 56.

1. From the Home screen, tap **Contacts** .
2. Tap a contact name (the name you want to join to another entry). **Note**: typically this is the same contact with a different name or account information.
3. Press → **Join contact**.

The contact list is displayed.

4. Tap the second contact entry (the entry in which to join). The second contact is now joined with the first and the account information is merged into one screen.

Note: The information is still maintained in both entries, but displays in one record for easier viewing when you join the contacts.

5. Tap the **joined contacts** bar to view the contact information you joined. The contacts and information displays with an icon next to the contact name to indicate what type of account information is contained in the entry.

Unjoining a Contact

1. From the Home screen, tap **Contacts** .
2. Tap a contact name (the account name from which you want to unlink an entry). **Note**: typically this is the same contact with a different name or account information.
3. Tap the **joined contacts** bar.
4. Tap the minus sign next to entry in which you want to unjoin. The contact is now separated and no longer displays in the merged record screen.

Marking a Contact as Default

When you use messaging type applications, the application needs to know which information is primary (default) in a contact entry list. For example, you may have three different contact records for John Smith, so the application will be looking for the “default” number or entry.

1. From the Home screen, tap **Contacts** .
2. Tap a Contact name.
3. Press → **Mark as default**. The Mark as default screen displays radio buttons next to the contact names or phone numbers of all the linked contacts. The radio button next to the default contact will be green.
4. To change the default contact, tap the radio button next to another entry that you want to be the default. The radio button will turn green, then tap **Save**.

Synchronizing Accounts

From the Accounts menu you decide if you want applications to synchronize, send, and receive data at any given time, or if you want the applications to synchronize automatically. After determining how you want the accounts to synchronize, indicate which account to synchronize with your Contacts list.

1. From the Home screen, tap **Contacts** .
2. Press then tap **More** → **Accounts**.
3. Determine which type of account information you want to synchronize with your Contact list. Selections are:
   - **Background data**: (applications that sync, send, and receive data any time).
   - **Auto-sync**: allows applications to automatically synchronize.
4. Tap **Add account**.
5. Tap an account type to add.
6. Follow the on-screen instructions. The selected account type synchronizes with your Contacts list.

Address Book Options

You can access Address Book options while at the main Address Book page or while in the details page for a specific entry.

Options in Address Book

1. From the Home screen, tap **Contacts** then press .
2. The following options display:
   - **Delete:** allows you to delete 1 or more of your contacts.
   - **My profile**: allows you to set up a profile for yourself. The information will be the same that you can add for a new contact. For more information, refer to *"Adding a New Contact"* on page 51.
   - **Sync contacts**: allows you to sync your contacts with your accounts.
   - **Merge with Google**: allows you to merge your contacts together with your Google account contacts.
   - **Import/Export**: allows you to move contacts to or from your memory card. You can also send a namecard via Bluetooth, ChatON, Email, Gmail, Messaging, or Wi-Fi Direct.
   - **More**: the following additional options are displayed:
     - **View SNS Friends**: allows you to get contacts from your friends on Facebook, LinkedIn, Google, and Microsoft Exchange ActiveSync accounts. Tap Add account and then follow the on-screen instructions.
     - **Accounts**: allows you to add and manage mobile accounts on Facebook, LinkedIn, Google, and Microsoft Exchange ActiveSync accounts. Tap Add account and then follow the on-screen instructions.
     - **Speed dial setting**: allows you to set up speed-dialing. For more information, refer to *"Making a Call Using Speed Dial"* on page 33.
     - **Send email**: allows you to send an email using Email or Gmail.
     - **Send message**: allows you to send a text or picture message.
     - **Display options**: You can choose to only display contacts that have phone numbers, sort by first or last name, display contacts by first name first or last name first, display contacts stored on your phone,

and/or display contacts stored to other accounts. Tap a selection and tap Done.

– **Settings**: allows you to choose where to save your new contacts, display or edit your service numbers, or send contact information by Bluetooth.

Options at Selected Contact Screen

1. From the Home screen, tap **Contacts** .
2. Touch and hold a contact.

   – or –

   Tap a contact and at the contact's display screen, press .
3. The following options display.

Note: The available options depends on whether the contact is saved to your phone or your SIM card. Also some options display only when you touch and hold a contact.

- **Edit**: allows you to edit the selected contact's information.
- **Delete**: allows you to delete the contact from your Address Book.
- **Join contact**: allows you to join contacts with other contacts (only displays when contact is saved to SIM).
- **Mark as default**: allows you to mark a contact as the default to use in messaging applications.
- **Send contact information**: allows you to send a contacts information in a message.
- **Add to favourites**: allows you to add the contact to your favourites list.
- **Add to group**: allows you to add the contact to a pre-defined group such as Family, Friends, or Work. see *"Adding an Entry to a Group"* on page 58.
- **Add to/Remove from reject list**: allows you to add this contact to your reject list. If they call, the call will be sent directly to Voicemail. If the contact has already been added to your reject list, this option will allow you to remove the contact from your reject list.
- **Send namecard via**: allows you to send the contact's information via Bluetooth, ChatON, Email, Gmail, Messaging, or Wi-Fi Direct.
- **Print namecard**: allows you to print the contact's namecard to a Samsung printer using Wi-Fi.

Groups

Adding an Entry to a Group

1. From the Home screen, tap **Contacts** .
2. Press and hold the contact name that you want to add to a group.
3. Tap **Add to group**.
4. Tap a group entry.

   The contact is added to the group.

Removing an Entry From a Group

1. From the Home screen, tap **Contacts** → **Groups**.
2. Tap a group entry.
3. Press → **Remove member**.
4. Tap all of the contacts you want to remove from this group. A green checkmark will appear next to their name.
5. Tap **Remove**.

   The contacts are now removed from the group.

Creating a New Group

1. From the Home screen, tap **Contacts** → **Groups** → → **Create**.
2. Tap the **Group name** field and use the on-screen keypad to enter a new group name. For more information, refer to *"Entering Text"* on page 43.
3. Tap **Ringtone** to choose an audio file for assignment to this new group. Choose from **Default ringtone**, **Select sound from My files**, or **Phone ringtone**.
   - Tap a music file to play a short sample and then tap **OK** to complete the assignment.
4. Tap **Add member** to add contacts to the new group.
5. Tap **Save** to store the new Group category.

Editing a Caller Group

To edit a Group entry, there must be at least one member as part of the selected group.

1. From the Home screen, tap **Contacts** → **Groups**.
2. Tap a group entry.
3. Press → **Edit group**.
4. Make modifications to the **Group Name** or **Ringtone** fields.
5. Tap **Add member** to add more contacts to this group.
6. Tap **Save** to save your changes.

Address Book Favourites

Once you have stored phone numbers in the Address Book, you can add them to your Favourites list.

To view your Favourites list:

▶ From the Home screen, tap **Contacts** → **Favourites**.

Adding Favourites to your Address Book

1. From the Home screen, tap **Contacts**.

2. Within the Contacts list, touch and hold a contact that you want to add to your favourites list.
3. Tap **Add to favourites** on the displayed list.
4. A gold star will appear next to the contact in the Address Book.

Removing Favourites from your Address Book

1. From the Home screen, tap **Contacts** .
2. Within the Contacts list, touch and hold a contact that you want to remove from your favourites list. Contacts in your Favourites list will have a gold star.
3. Tap **Remove from favourites** on the displayed list.
4. The gold star will no longer appear next to the contact in the Address Book.

Managing Address Book Contacts

You can copy, delete, and view the memory status for the Phone and SIM contacts on your phone.

Copying Contacts to your SIM Card

Note: When storing an Address Book entry into the SIM card, note that only the name, phone number, group, and slot location are initially offered as fields (some SIM cards may allow an address as well). To save additional information for a particular contact, such as other phone numbers, or e-mail, it is important to add new fields to that Contact information. It is also important to note that if you move the SIM card to another phone that does not support additional fields on the SIM card, this additional information may not be available.

1. From the Home screen, tap **Contacts** → → **Import/Export**.
2. Tap **Export to SIM card**.

   The phone then displays a list of your current phone contacts.
3. Tap the contacts to place a checkmark adjacent to those entries you wish to have copied to the SIM or SD card.
   - Repeat this step for all individual entries you wish copied to the SIM card or tap **Select all** to place a checkmark alongside all entries.
4. Tap **Export**.
5. At the **Copy to SIM** display, tap **OK**.

   The selected contacts are copied to the SIM card.

Copying Contacts to your Phone from the SIM Card

1. From the Home screen, tap **Contacts** ➔ ➔ **Import/Export**.
2. Tap **Import from SIM card**.
3. At the **Save contact to** display, tap **Phone** or an account name.

   The phone then displays a list of your current contacts stored on your SIM card.
4. Tap the contacts to place a checkmark adjacent to those entries you wish to have copied to your phone.
   - Repeat this step for all individual entries you wish copied to your phone or tap **Select all** to place a checkmark alongside all entries.
5. Tap **Import**.

   The selected contacts are copied to your phone.

Copying Contacts to your SD Card

Note: The options to import and export contacts from an SD card are only displayed when an SD card has been inserted in your phone.

1. From the Home screen, tap **Contacts** ➔ ➔ **Import/Export**.
2. Tap **Export to SD card**.
3. At the **Confirm export** display, the path and filename where your contacts will be stored on the SD card is shown. Tap **OK**.

   All contacts are copied to your SD card.

Note: Contacts are stored on your SD card in vCard files.

Copying Contacts to your Phone from your SD Card

1. From the Home screen, tap **Contacts** ➔ ➔ **Import/Export**.
2. Tap **Import from SD card**.
3. At the **Save contact to** display, tap **Phone** or an account name.
4. At the **Select vCard file** display, select the contacts that you want to import and tap **OK**.

   The selected vCard files are copied to your phone.

Deleting Address Book Contacts

You can delete Phone or SIM contacts from your phone's memory.

1. From the Home screen, tap **Contacts** .
2. Within the Contacts list, touch and hold a contact that you want to delete.
3. Tap **Delete** on the displayed list.
4. At the **Delete** prompt, tap **OK** to delete the contact or **Cancel** to exit.

Using the Service Dialing Numbers

You can view the list of Service Dialing Numbers (SDN) assigned by your service provider. These numbers may include emergency numbers, customer service numbers, and directory inquiries.

1. From the Home screen, tap **Contacts** → → **More** → **Settings**.
2. Tap **Service numbers**.
3. Scroll through the available numbers and tap a number to make a call.

Note: This menu is available only when your SIM card supports Service Dialing Numbers.

Section 6: Multimedia

This section explains how to use the multimedia features of your phone, including Music, Videos, Gallery, Camera, and Camcorder.

Music Player

The Music player is an application that can play music files. It supports files with extensions AAC, AAC+, eAAC+, MP3, WMA, 3GP, MP4, and M4A. Launching the Music player allows you to navigate through your music library, play songs, and create playlists (music files bigger than 300 KB are displayed).

Playing Music

1. Tap ➔ **Music** .
2. Tap a library category at the top of the screen (All, Playlists, Albums, Artists, or Folders) to view the available music files.
3. Scroll through the list of songs and tap an entry to begin playback.
4. The following controls are available:

Pause the song.

Start the song after being paused.

Press and hold to rewind the song. Tap to go to previous song.

Press and hold to fast-forward the song. Tap to go to next song.

Volume control.

Repeat one: repeats the currently playing song.

Repeat all: replays the current list when the list ends.

Play All: plays the current song list once.

Shuffle On: the current list of songs are randomly shuffled for playback.

Shuffle Off: songs play in order and are not shuffled.

Allows you to listen to music using 5.1 Virtual Surround Sound when using earphones.

List Displays your list of songs.

Note: The 5.1 channel sound effect works in earphone mode only.

Music Options

To access additional options, follow these steps:

1. While in the Music player, press .
2. The follow options are available:
   - **Add to quick list**: adds the current music file to the Quick list.
   - **Via Bluetooth**: scans for devices and pairs with a Bluetooth headset.
   - **Share music via**: allows you to share your music by using AllShare, Bluetooth, Email, Gmail, Messaging, or Wi-Fi Direct.
   - **Set as**: allows you to set a song as a Phone ringtone, Caller ringtone, or Alarm tone.
   - **Add to playlist:** allows you to add the current music file to a selected playlist.
   - **More**: displays the following:
     - **Settings**: allows you to change your music player settings. For more information, refer to *"Music Player Settings"* on page 64.
     - **Details**: allows you to view media info such as Artist, Title, Album, Track Length, Genre, Recording date, etc.

Music Player Settings

The Settings menu allows you to set preferences for the music player such as whether you want the music to play in the background, sound effects, and how the music menu displays.

1. From the Home screen, tap → **Music** .
2. Press → **More** → **Settings**.
3. Select one of the following settings:
   - **Equaliser**: set a type of equalization. Selections are: Auto, Normal, Pop, Rock, Jazz, Dance, Classic, Live, or Custom.
   - **Sound effect**: configure the music effects. Selections are: Normal, Wide, Concert Hall, Music clarity, Bass enhancement, or Externalisation.
   - **Music menu**: this menu allows you to select which categories you want to display. Choices are: Albums, Artists, Genres, Folders, Composers, Years, Most played, Recently played, or Recently added. Tap each item that you want to display in the Music menu.
   - **Visualisation**: when activated the music player displays an animated display.
   - **Lyrics**: select this option to have the lyrics to the selected song displayed on the screen (only if available).
   - **Music auto off**: allows you to have your music automatically turn off after a selected time.

Using Playlists

Playlists are used to assign songs to a list of preferred media which can then be grouped into a list for later playback. These Playlists can be created via either the handset's Music options menu or from within a 3rd party music application (such as Windows Media Player) and then downloaded to the handset.

Creating a Playlist

1. From the Home screen, tap → **Music**.
2. Tap the **Playlists** tab.
3. Press → **Create**.
4. Type a name for this playlist in the field and tap **Save**.

Adding Music to a Playlist

To add files to the playlist:

1. From the Home screen, tap → **Music Player**.
2. Tap the **Playlists** tab.
3. Tap a playlist.
4. Tap **Add music**.
5. Tap a music file, or tap **Select all** to add all the music tracks to this playlist then tap **Add**.

Removing Music from a Playlist

To remove music files from a playlist:

1. From the Home screen, tap → **Music**.
2. Tap the **Playlists** tab.
3. Tap the playlist name in which to delete music.
4. Press → **Remove**.
5. Tap the checkbox to the right of each track you want to remove from this playlist, or tap **Select all** to remove all the music tracks from this playlist, then tap **Remove**.

Editing a Playlist

Besides adding and removing music files in a playlist, you can also rename the playlist.

To edit a playlist:

1. From the Home screen, tap → **Music Player**.
2. Tap the **Playlists** tab.
3. Press → **Edit title**.
4. Tap a playlist name to edit.
5. Enter a new name for the playlist then tap **Save**.

For information on downloading music for your phone, see *"Play Store"* on page 141.

Videos

The Videos application plays video files stored on your microSD card.

1. Tap → **Videos** .
2. All videos that you have on your memory card will be displayed. Tap the video that you want to play.
3. The video will begin to play.
4. The following video controls are available:

Pause the video.

Start the video after being paused.

Press and hold to rewind the video. Tap to go to previous video.

Press and hold to fast-forward the video. Tap to go to next video.

Volume control.

Original size view. The video will be played in its original size.

Full-screen in ratio view. The video is enlarged as much as possible without becoming distorted.

Full-screen view. The entire screen is used, which may cause some minor distortion.

Allows you to listen to music using 5.1 Virtual Surround Sound.

Note: The screen view icons are a three-way toggle. The icon that is displayed is the mode that will appear after the icon is tapped.

Note: The 5.1 channel sound effect works in earphone mode only.

For more information on downloading videos for your phone, see *"Play Store"* on page 141.

Gallery

The Gallery is where you view photos and play back videos. For photos, you can also perform basic editing tasks, view a slideshow, set photos as wallpaper or contact image, and share as a picture message.

1. Tap → **Gallery** .

All of the Albums that hold your pictures and videos will be displayed with folder name and number of files.

2. Tap an Album and thumbnails of the contents will be displayed.

Note: If your device indicates that the memory is full when you access Gallery, delete some of the files by using **My Files** or other file management applications and try again. For more information, refer to *"My files"* on page 138.

Viewing Pictures

1. Tap a thumbnail to view the picture.

Note: If no control icons are displayed on the screen in addition to the picture, tap anywhere on the screen to display them.

2. The following options are available:
   - **Send via**: allows you to send the picture via Bluetooth, Email, Gmail, Messaging, or Wi-Fi Direct.
   - **Delete**: allows you to delete the picture. Tap **Confirm deletions** and the picture will be deleted.
3. Press for additional options:
   - **Share via**: allows you to share the picture via AllShare, ChatON, Google +, Picasa, and Social Hub.
   - **Set as**: allows you to set the picture as a Contact icon, Home screen wallpaper, or Lock screen wallpaper.
   - **More**: displays additional options for editing and printing.

Viewing Videos

Note: If no control icons are displayed on the screen in addition to the picture, tap anywhere on the screen to display them.

1. Touch and hold a video to select it. A checkmark will appear on the thumbnail.
2. The following options are available:
   - **Send via**: allows you to share the video via Bluetooth, Email, Gmail, Messaging, or Wi-Fi Direct.
   - **Delete**: allows you to delete the video. Tap **Confirm deletions** and the video will be deleted.
   - **More**: displays the following additional options:
     - **Share via:** allows you to share a video via YouTube.
     - **Play via**: lets you play the video via AllShare.
     - **Rename**: lets you rename the video file.
     - **Details**: provides details about the picture such as Title, Type, Date taken, name of the Album it is in, Location, Latitude and Longitude (GPS coordinates), Size, Resolution, Duration, and File location.
3. Tap a thumbnail to play the video.

   For video player controls, see *"Videos"* on page 66.

Camera

This section explains how to use the camera on your phone. You can take photographs and shoot video by using the built-in camera functionality. Your 3.2 Megapixel camera produces photos in JPEG format.

Important!: Do not take photos of people without their permission.
Do not take photos in places where cameras are not allowed.
Do not take photos in places where you may interfere with another person's privacy.

Using the Camera

Taking Photos

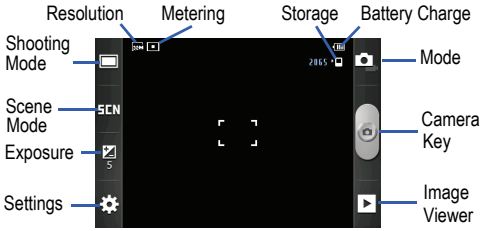
Taking pictures with your device's built-in camera is as simple as choosing a subject, pointing the camera, then pressing the camera key.

Note: When taking a photo in direct sunlight or in bright conditions, shadows may appear on the photo.

1. Tap ➔ **Camera** to activate the camera mode.
2. Using the phone's main display screen as a viewfinder, adjust the image by aiming the camera at the subject.
3. Before you take a picture, use the **Up** and **Down** Volume keys to zoom in or out. You can magnify the picture up to x3 (300 percent).
4. If desired, before taking the photo, you can tap on-screen icons to access various camera options and settings.
5. Tap the Camera key ( ). The picture is taken and automatically stored within your designated storage location. If no microSD card is installed, all pictures are stored on the phone. For more information, refer to *"Camera Options"* on page 69.

Note: The number of JPEG pictures remaining on the selected media appears in the upper-right of the screen. This is an approximate number of total pictures that can be taken at the current image size.

Note: To enable the GPS function, from the Camera screen tap **Settings** ➔ ➔ **GPS**. Then, tap the checkbox to create a checkmark and activate GPS.



6. To view a picture, tap the Image Viewer.
7. While viewing a picture, double-tap the screen to zoom in or out.

   – or –

   Pinch the screen inwards to zoom out or pinch it outwards to zoom in.
8. Press to return to the viewfinder.

Camera Options

Options are represented by icons across both sides of the screen.

Note: The options disappear after a few seconds. Tap the screen to make them reappear.

Camera / Camcorder Mode: allows you to take a photo in various modes. Once you change the mode, the corresponding indicator appears at the top left of the display. Choose from Camera or Camcorder.

Shooting mode: allows you to set the shooting mode. Options are:

- **Single shot**: takes a single photo and view it before returning to the shooting mode.
- **Smile shot**: the camera focuses on the face of your subject. Once the camera detects the person's smile, it takes the picture.
- **Continuous**: takes a succession of consecutive photos by pressing and holding the Camera key.

- **Panorama**: takes a landscape photo by taking an initial photo and then adding additional images. Slowly move the phone in any direction and align the green guide box with the viewfinder. The camera will automatically take the next photo.Repeat this step for up to 8 segments (or tap the Camera key to stop).

SCN **Scene mode**: allows you to set the Scene to help take the best pictures possible. Options include None, Landscape, Night, Sports, Party/Indoor, Beach/Snow, Sunset, Dawn, Fall colour, Firework, Candlelight, and Backlight.

Brightness: allows you to adjust the brightness level by moving the slider.

Settings: allows you to customize your camera settings.

Tap the tab for the following options:

- **Timer**: allows you to set a time delay before taking a picture. Options include: Off, 2 sec, 5 sec, and 10 sec.
- **Resolution**: allows you to set the image size to either: 3.2M (2048x1536), 2M (1600x1200), or 0.3M (640x480).
- **White balance**: allows you to set this option to one of the following choices: Auto, Daylight, Cloudy, Incandescent, or Fluorescent.
- **Effects**: allows you to change the colour tone or apply special effects to the photo. Options include: Normal, Negative, Black and White, or Sepia.
- **Metering**: allows you to set how the camera measures or meters the light source: Centre-weighted, Spot, or Matrix.
- **Image quality**: allows you to set the image quality to: Superfine, Fine, or Normal.

Tap the tab for the following options:

- **Guidelines**: allows you to turn the guidelines On or Off.
- **Review**: allows you to activate the instant review feature (On or Off) where images are displayed immediately after review.
- **GPS**: records GPS information in the image file.

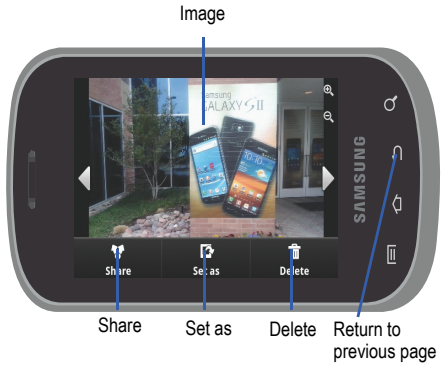
Settings (Continued):

- **Shutter Sound**: allows you to set the Shutter sound to On or Off.
- **Storage**: allows you to configure the default storage location for images or videos as either Phone or Memory card (if inserted).
- **Reset**: allows you to reset all camera or camcorder settings.

Image viewer: allows you to access the Image viewer and the various viewing options for a selected picture. Image viewer options are described in the following section. The last picture you took, will be displayed as a thumbnail in the Image viewer icon.

Picture Image Viewer Options

After you take a photo, you can access various options from the Pictures and Videos Image Viewer by tapping the ▶ icon.



Available options are:

- **Share**: offers several ways to share your picture or video. Options are: AllShare, Bluetooth, ChatON, Email, Gmail, Google +, Messaging, Picasa, Social Hub, and Wi-Fi Direct.
- **Set as**: allows you to assign the current image as a Contact icon to display for a specific entry within your Address Book, or as Home screen or Lock screen wallpaper.

- **Delete**: allows you to delete the current picture. Tap **OK** to delete or **Cancel**.
- **Return to previous page** ( ): takes you back to the previously active camera page where you can take another photo or shoot a new video.

Accessing Pictures

When you take a picture, the file is saved in the Camera folder. You can view your pictures immediately or view them anytime in the Camera folder.

1. From the Home screen, tap → **My files** → **DCIM** → **Camera**.
2. Tap a photo file to open it in the Image viewer.
3. Sweep the screen to the left to see the next picture or to the right to see the previous picture.

Before you select a picture, press in the Camera folder to see the following options:

- **Share**: lets you share selected pictures with AllShare, Bluetooth, ChatON, Email, Gmail, Google +, Messaging, Picasa, Social Hub, Wi-Fi Direct, and YouTube.
- **Create folder**: create a new sub-folder in the current folder. Can be on either the Phone or Memory Card.
- **Delete**: allows you to delete selected pictures. Tap the checkmark, to turn it green, next to any file or folder you want to delete, then tap Delete.
- **View by**: allows you to view the contents of the current folder as a List, as a List and details, or as Thumbnails.
- **List by**: allows you to view the contents of the current folder sorted by Time, Type, Name, or Size.
- **More**: provides you with the additional options: Move, Copy, Rename, and Settings.
  - **Move**: allows you to move one or more pictures to a different folder.
  - **Copy**: allows you to copy one or more pictures to a different folder.
  - **Rename**: allows you to rename one or more picture files.
  - **Settings**: lets you set several general folder options:
    - **Show hidden files**: causes files and folders that would normally be hidden to be displayed.
    - **Show file extension**: causes file extensions to be displayed. For example, jpg.
    - **Set Home directory**: allows you to choose and set the Home directory.

Selecting and Using the Pictures

From the Image viewer, you have access to both macro functions (zoom, crop, and rotate) and menu options. For more information, refer to *"Picture Image Viewer Options"* on page 71.

Assigning an Image to an Address Book Entry

1. From the Home screen, tap → **My files** → **DCIM** → **Camera** → **<image>**.
2. Press → **Set as** → **Contact icon**. Tap a contact entry.
3. Touch and drag the orange crop box anywhere on the picture.
4. Tap **Save**.

   For more information, refer to *"Contacts and Your Address Book"* on page 51.

Assigning an Image as a Wallpaper

1. From the Home screen, tap → **My files** → **DCIM** → **Camera** → **<image>**.
2. Press → **Set as** → **Home screen wallpaper**.

   – or –

   Press → **Set as** → **Lock screen wallpaper**.
3. Touch and drag the orange crop box anywhere on the picture.
4. Tap **Save** to assign the wallpaper image. Tap **Cancel** to stop without updating the wallpaper image.

Using the Camcorder

In addition to taking photos, the camera also functions as a camcorder that also allows you to record, view, and send videos.

Note: The camera may not be able to properly record videos to a memory card with a slow transfer speed.

Recording Video

Tip: When shooting video in direct sunlight or in bright conditions, it is recommended that you provide your subject with sufficient light by having the light source behind you.

1. From the Home screen, tap → **Camera** to activate the camera mode.
2. Tap the Camera icon ( ) to change to Camcorder Mode. The Camcorder icon will display ( ).
3. Using the phone's main display screen as a viewfinder, adjust the image by aiming the camcorder at the subject.
4. Tap the Video key ( ) to begin shooting video. A red light will blink while recording.
5. Tap the Stop key ( ) to stop the recording and save the video file to your Camera folder.

6. Once the file has been saved, tap the image viewer ▶, then tap ▷ to play your video.
7. Press ⮌ to return to the viewer.

Camcorder Options

Options are represented by icons across both sides of the screen.

Note: The options disappear after a few seconds. Tap the screen to make them reappear.

Camera / Camcorder Mode: allows you to take a photo in various modes. Once you change the mode, the corresponding indicator appears at the top left of the display. Choose from Camera or Camcorder.

Recording mode: allows you to set the recording mode to: Normal, which is limited only by available space on the destination location and Limit for MMS, which is limited by MMS size restrictions.

SCN **Scene mode**: only available in camera mode.

Exposure value: allows you to adjust the brightness level by moving the slider across the page.

Settings: allows you to customize your camera settings.

Tap the tab for the following options:

- **Timer**: allows you to set a time delay before taking a picture. Options include: Off, 2 sec, 5 sec, and 10 sec.
- **Resolution**: allows you to set the image size to either: 640x480, 320x240, or 176x144.
- **White balance**: allows you to set this option to one of the following choices: Auto, Daylight, Cloudy, Incandescent, or Fluorescent.
- **Effects**: allows you to change the colour tone or apply special effects to the photo. Options include: Normal, Negative, Black and White, and Sepia.
- **Video quality**: allows you to set the image quality to: Superfine, Fine, or Normal.

Settings (Continued):

Tap the tab for the following options:

- **Guidelines**: allows you to turn the guidelines On or Off.
- **Audio recording**: allows you to record audio while recording video. When you select Off, it mutes the microphone and records only video.
- **Review**: allows you to activate the instant review feature where images are displayed immediately after review.
- **Storage**: allows you to configure the default storage location for images or videos as either Phone or Memory card (if inserted).
- **Reset**: allows you to reset all camera or camcorder settings.

Image viewer: allows you to access the Image viewer and the various viewing options for a selected picture. Image viewer options are described in the following section. The last video taken is initially displayed.

Camcorder Options after a Video is Taken

After you shoot a video, you can access various options from the Image Viewer

▶ The following options are available:

- **Share**: offers several ways to share your video. Options are: AllShare, Bluetooth, ChatON, Email, Gmail, Messaging, Wi-Fi Direct, and YouTube.
- **Play**: allows you to play the video.
- **Delete**: allows you to delete the video.

Accessing Videos

When you shoot a video, the file is saved in the Camera folder. You can view your videos immediately or view them anytime in the Camera folder.

1. From the Home screen, tap → **My files** → **DCIM** → **Camera**.
2. Tap a video file to open it in the viewer and initiate playback.
3. To pause the video, tap . To play the video, tap .

Before you select a video to play, press in the Camera folder to see the following options:

- **Share**: lets you share the selected videos with AllShare, Bluetooth, ChatON, Email, Gmail, Google +, Messaging, Picasa, Social Hub, Wi-Fi Direct, and YouTube.

- **Create folder**: create a new sub-folder in the current folder. Can be on either the Phone or Memory Card.
- **Delete**: allows you to delete selected videos. Tap the checkmark, to turn it green, next to any file or folder you want to delete, then tap Delete.
- **View by**: allows you to view the contents of the current folder as a List, as a List and details, or as a Thumbnail.
- **List by**: allows you to view the contents of the current folder sorted by Time, Type, Name, or Size.
- **More**: provides you with the additional options: Move, Copy, Rename, and Settings.
  - **Move**: allows you to move one or more videos to a different folder.
  - **Copy**: allows you to copy one or more videos to a different folder.
  - **Rename**: allows you to rename one or more video files.
  - **Settings**: lets you set several general folder options:
    - **Show hidden files**: causes files and folders that would normally be hidden to be displayed.
    - **Show file extension**: causes file extensions to be displayed. For example, 3gp.
    - **Set Home directory**: allows you to choose and set the Home directory.

Once you have selected a video to play, press to display the following options:

- **Share video**: to share the current video by way of AllShare, Bluetooth, ChatON, Email, Gmail, Messaging, Wi-Fi Direct, or YouTube.
- **Details**: displays file information such as format, resolution, file size, Date & Time, and Forwarding.
- **Via Bluetooth**: scans for a Bluetooth device on which to play the video.
- **Settings**: allows you to set the screen brightness.
- **Subtitles**: allows you to see subtitles on shared media.

While viewing a video, you can also adjust the screen view. Screen view allows you to select Original Size, Full-Screen, or Full-Screen in Ratio to view your video.

Note: The screen view icons are a three-way toggle. The icon that is displayed, is the mode that will appear after the icon is tapped.

- **Original Size**: () the video will be played in its original size.
- **Full-Screen in Ratio View**: ( ) the video is enlarged as much as possible without becoming distorted.
- **Full-Screen View**: () the entire screen is used, which may cause some minor distortion.
- **Pause/Resume**: tap to pause the video being played. Tap to resume playing.
- **Previous/Next**: tap to jump to the previously played video or tap to jump to the next video file in the Camera folder.
- **Exit**: to return to the videos list, press the key twice.

Section 7: Messaging

This section describes how to send and receive different types of messages. It also includes the features and functionality associated with messaging.

Types of Messages

Your phone provides the following message types:

- Text messages
- Multimedia (picture, video, and audio) messages
- Email and Gmail messages
- Google Talk

The Short Message Service (SMS) lets you send and receive text messages to and from other mobile phones or email addresses. To use this feature, you may need to subscribe to your service provider's message service.

The Multimedia Messaging Service (MMS) lets you send and receive multimedia messages (such as picture, video, and audio messages) to and from other mobile phones or email addresses. To use this feature, you may need to subscribe to your service provider's multimedia message service.

Important!: When creating a message, adding an image, a sound file, or a video clip to a text message changes the message from a text message to a multimedia message.

Messaging icons are displayed at the top of the screen and indicate when messages are received and their type. For more information, refer to *"Indicator Icons"* on page 13.

Creating and Sending Messages

1. Tap **Messaging** ➔ **New message**.

Note: Initially, the **Messaging** icon is a primary shortcut. If you change the primary shortcut, you must tap **Applications** ➔ **Messaging** .

2. Tap on the **Enter recipient** field to manually enter a recipient or tap to select a recipient from your Contacts.
3. If you tapped the icon, tap the **Contacts**, **Recent**, **Groups**, or **Favourites** tab. The **Contacts** tab is the default.
4. Tap the desired contact to place a checkmark, then tap **Add**.

   The contact will be placed in the recipient field.

Note: Enter additional recipients by separating each entry with a semicolon (;) then using the previous procedure.

5. Tap the **Tap to enter message** field and use the on-screen keypad to enter a message. For more information, refer to *"Entering Text"* on page 43.
6. Add more recipients by tapping the recipient field.
7. Review your message and tap **Send**.

Note: If you exit a message before you send it, it will be automatically saved as a draft.

Message Options

Options before composing a message

1. Tap **Messaging** .
2. Before composing a message, press to reveal additional messaging options:
   - **Search**: allows you to search through all of your messages for a certain word or string of words. Enter a search string in the Messaging Search window and tap .
   - **Settings**: allows you to access Messaging settings. For more information, refer to *"Messaging Settings"* on page 81.
   - **Delete threads**: allows you to delete any message thread. Select the messages to delete and a green checkmark will appear next to the message. Tap **Delete**.

Options while composing a message

1. While composing a message, press to reveal additional messaging options.
   - **Insert smiley**: allows you to add emoticons, such as a happy face to your message.
   - **Add text**: allows you to copy text from your Location, Contacts, Memo, or Calendar to add to your message. This is a convenient feature for adding names, phone numbers, events, etc. to your message. For more information, refer to *"Adding Additional Text"* on page 79.
   - **Add slide**: allows you to add a new page to a message.
   - **Add subject:** allows you to add a subject line to the message (automatically converts the message to a multimedia message).

Adding attachments to a message

To add an attachment to your message tap and select one of the following options:

- **Pictures**: allows you to tap an existing image from your Pictures list to add it to your message.
- **Capture picture**: allows you to temporarily exit the message, take a photo with phone's camera, and then add it to your message by tapping **Save**.
- **Videos**: allows you to choose an existing video from the Videos list, then add it to your message.

- **Capture video**: allows you to temporarily exit the message, record a video clip using the phone's camera, and then add it to your message by tapping **Save**.
- **Audio**: allows you to choose an existing audio file from the Audio list, then add it to your message by tapping the circle to the right of the audio so that it turns green, then tapping **OK**.
- **Record audio**: allows you to temporarily exit the message and record an audio clip using the phone's microphone. When you tap **Stop**, the audio is automatically attached to the message.
- **Location**: allows you to attach a thumbnail of a map showing your location.
- **Contacts**: allows you to tap on an existing Address Book entry, then add it to your message by tapping **Add**.
- **Calendar**: allows you to tap on an existing Calendar event, then add it to your message by tapping **Add**.
- **Memo**: allows you to tap on an existing Memo, then add it to your message by tapping **Attach**.

Adding Additional Text

You can copy text such as names, phone numbers, and events from your Contacts, Calendar or a Memo.

1. While composing a message, press → **Add text**.
2. At the Add text screen, select one of the following:
   - **Location**: allows you to add an address and the link to the location on Google Maps.
   - **Contacts**: allows you to add the name and phone number of any of your contacts to your message.
   - **Calendar**: allows you to add the name, date, and time of a calendar event to your message.
   - **Memo**: allows you to add an entire memo to your message.
3. Tap the information you want to send. This will place a checkmark next to the item.
4. Tap **Add**.

   The text is added to your message.

Viewing New Received Messages

1. When you receive a new message, the new message icon will appear at the top of your screen.
2. Open the Notification Bar and select the message. For more information, refer to *"Notification Bar"* on page 29.

   – or –

   Tap **Messaging** then tap the new message to view it.

   The selected message appears in the display.
3. To play a multimedia message, tap .

- To pause playback of the multimedia message, tap .

4. To scroll through the message (if additional text pages have been added), touch the screen and in a single motion, scroll up or down the page.

Message Threads

Sent and received text and picture messages are grouped into message threads. Threaded messages allow you to see all the messages exchanged (similar to a chat program) and displays a contact on the screen. Message threads are listed in the order in which they were received, with the latest message displayed at the top.

To open a threaded message follow these steps:

1. Tap **Messaging** .

   Tap the message thread you want to view.

2. Touch and hold the message thread to display the following options:

   - **View contact**: displays the contact's information. This option only displays if the sender is in your Contacts list.
   - **Add to Contacts**: displays the Contacts information screen. This option only displays if the sender is not in your Contacts list.
   - **Delete thread**: displays a confirmation dialog box that when pressed, deletes the entire thread.

Deleting Messages

Deleting a single message

1. From the main Home screen, tap **Messaging** .
2. Tap the message that you want to delete.
3. Once the message screen is displayed, touch and hold the message, then tap **Delete message**.
4. At the **Delete** prompt, tap **OK** to delete or **Cancel** to cancel.

Deleting multiple messages

1. From the main Home screen, tap **Messaging** .
2. Press → **Delete threads**.
3. Tap each thread you want to delete. A checkmark will appear at the right side.
4. Tap **Delete**.
5. At the **Delete** prompt, tap **OK** to delete or **Cancel** to cancel.

Message Search

You can search through your messages by using the Message Search feature.

1. From the main Home screen, tap **Messaging** .
2. Tap → **Search**.

3. Use the on-screen keypad to enter a word or phrase to search for, then tap .
4. All messages that contain the search string you entered are displayed.

Messaging Settings

To configure the settings for text messages, multimedia messages, Voicemail, and Push messages.

1. From the main Home screen, tap **Messaging** ➔ ➔ **Settings**.
2. The following Messaging settings are available:
   - **Delete old messages**: deletes old messages when the limit is reached, rather than having them overwritten.
   - **Text message limit**: allows you to set a limit on how many text messages can be in one conversation.
   - **Multimedia message limit**: allows you to set a limit on how many multimedia messages can be in one conversation.
   - **Delivery reports:** request a delivery report for each message you send.
   - **Manage SIM card messages**: allows you to manage the messages that you have stored on your SIM card.
   - **Message centre**: allows you to enter the number of your message centre where your messages reside while the system is attempting to deliver them.
   - **Input mode**: allows you to set the input mode for your text messages. Choose between GSM Alphabet, Unicode, or Automatic.
   - **Delivery reports:** request a delivery report for each message you send.
   - **Read reports:** request a read report for each message you send.
   - **Auto-retrieve**: allows the message system to retrieve messages automatically.
   - **Creation mode**: allows you to select the creation mode.
     - **Restricted**: you can only create and submit messages with content belonging to the Core MM Content Domain.
     - **Warning**: the phone will warn you via pop up messages that you are creating a multimedia message which does not fit the Core MM Content Domain.
     - **Free**: you may add any content to the message.
   - **Push messages**: allows you to receive push messages from the network.
   - **CB activation**: allows you to receive Cell Broadcast (CB) messages.
   - **Channel configuration**: allows you to set up the channel that you will receive CB messages on.
   - **Language**: allows you to select all of the languages that you want to receive CB messages in.
   - **Notifications**: allows you to see message notifications on your status bar.

- **Select ringtone**: allows you to set the ringtone for your message notifications.

Using Email

Email enables you to review and create email using various email services. You can also receive text message alerts when you receive an important email.

Creating an Email Account

Note: If you want to set up a Corporate email account, see *"Synchronizing a Corporate Email Account"* on page 82.

1. From the Home screen, tap → **Email** .

   The **Set up email** screen is displayed.
2. Enter you email address in the **Email address** field.
3. Enter your password in the **Password** field.
4. If you want to see your password as it is being typed, tap **Show password** to create a checkmark.
5. Tap **Next**.
6. Enter an account name for this email account (optional).
7. Tap **Done**.

Synchronizing a Corporate Email Account

Use the following procedure to configure your phone to synchronize with a corporate email account.

1. From the Home screen, tap → **Email** .

   Your accounts screen displays with an Email setup screen displayed.
2. Enter you email address in the **Email address** field.
3. Enter your password in the **Password** field.
4. If you want to see your password as it is being typed, tap **Show password** to create a checkmark.
5. Scroll down and tap **Manual setup**.
6. Tap the **Microsoft Exchange ActiveSync** field.
7. Enter all the Exchange server information, Domain, user name, and Password, then tap **Next**.
8. At the prompt tap **OK**.

   The Account options screen is displayed.
9. Enter the desired information in the different fields, then tap **Next**.

10. Enter an Account name for this account (Optional). Wait for the Inbox to synchronize before use.
11. Tap **Done**.
12. Press → **More** → **Account Settings** to change the account settings.

Creating Additional Email Accounts

To create additional email accounts after setting up your first account, follow these steps:

1. From the Home screen, tap → **Email** .

   Your email screen displays showing your messages from the active account.
2. Tap the box in the upper left corner of your screen that displays the active email account.

   Your email account screen is displayed.
3. Press → **Add account** then enter the information required to set up another account. For more information, refer to *"Creating an Email Account"* on page 82.

Switching Between Email Accounts

1. From the Home screen, tap → **Email** .

   Your email screen displays showing your messages from the active account.
2. Tap the box in the upper left corner of your screen that displays the active account.

   Your email account screen is displayed.
3. In the **Accounts** section, tap an Email account.
4. The selected account is displayed.

Using Gmail

Gmail is Google's web-based email. When you first setup the phone, Gmail can be configured. Depending on the synchronization settings, Gmail is automatically synchronized with your Gmail account.

Signing into Your Gmail

1. From the Home screen, tap → **Gmail** .

Note: You must sign in to your Gmail account in order to access Gmail.

2. Press **Next** to set up a Google account or to Sign in.

   Tap **Create** to create a new Google account.

   – or –

Tap **Sign in** if you have an existing Google account.

3. Follow the on-screen instructions.
   The Inbox loads conversations and email.

Refreshing Gmail

▶ Press [Menu] → **Refresh** to send and receive new email and synchronize your email with the Gmail account.

Creating a Gmail Message

1. From the Gmail Inbox, press [Menu] → **Compose**.
2. Enter the recipient's email address in the **To** field.
   Separate multiple recipient email addresses with a comma.
3. To add a carbon or blind copy, tap [Menu] and select **Add Cc/Bcc**.
4. Enter the subject of this message in the **Subject** field.
5. Tap the **Compose Mail** field and begin composing your message.
6. Tap [Send] to send.

Viewing a Gmail Message

1. From the Gmail Inbox, tap a message to view it.
2. the following options are available:
   - **Archive**: archives the selected Email.
   - **Delete**: deletes the Email.
   - **Next**: [<] displays the next Email in your inbox.
   - **Previous**: [>] displays the previous Email in your inbox.
3. Press [Menu] to select one of the following additional options:
   - **Change labels**: changes the label on the email or conversation.
   - **Mark unread**: unread messages or threads with unread messages display in boldface text in the Inbox.
   - **Mark important/Not important:** adds or removes a flag that indicates the message is important in the message list.
   - **Go to inbox**: returns you to your Gmail Inbox.
   - **Mute**: mutes the conversation (Email thread).
   - **More**:
     - **Add/Remove star**: click to add or remove a star (you can choose to display only messages labelled with a star).
     - **Report spam**: reports the Email message as spam.
     - **Settings**: displays Email settings that you can modify.
     - **Help**: displays the Google.com webpage so you can search the web for help.
     - **Select text**: allows you to copy text to your clipboard.

Talk

Google Talk is a free Windows and web-based application for instant messaging offered by Google. Conversation logs are

automatically saved to a Chats area in your Gmail account. This allows you to search a chat log and store them in your Gmail accounts.

1. From the Home screen, tap → **Talk** .
2. Press **Next** to set up a Google account or to Sign in.
3. Tap **Create** to create a new Google account.

   – or –

   Tap **Sign in** if you have an existing Google account.
4. After entering your user name and password, press the **Down** Navigation key.
5. Tap **Sign in**.
6. Begin using Google Talk.

Note: The Network confirms your login and processes. This could take up to 5 minutes to complete.

Note: If you have already signed into an IM account, it is displayed on the Talk application screen.

Google +

Google+ makes messaging and sharing with your friends a lot easier. You can set up Circles of friends, visit the Stream to get updates from your Circles, use Messenger for fast messaging with everyone in your Circles, or use Instant Upload to automatically upload videos and photos to your own private album on Google+.

1. Sign on to your Google account. For more information, refer to *"Creating a New Google Account"* on page 6.
2. From the Home screen, tap → **Google+** .
3. Select the account you want to use to sign in to Google+.

   – or –

   Tap **Create a new account** to create another account.
4. Follow the on-screen instructions to use Google+.
5. Visit www.google.com/mobile/+/ for more information.

Messenger

Google Messenger allows you to bring groups of friends together into a simple group conversation. When you get a new conversation in Messenger, Google+ sends an update to your phone.

1. Sign on to your Google account. For more information, refer to *"Creating a New Google Account"* on page 6.
2. From the Home screen, tap → **Messenger** .

   – or –

From the Google+ application, select **Messenger**.

3. Select the account you want to use to sign in to Google+.

   – or –

   Tap **Create a new account** to create another account.

4. At the **Messenger** screen, tap to start a new message.
5. In the upper text field, enter a name, email address, or circle.
6. In the bottom message field, enter a message then tap .
7. From the **Messenger** screen, tap **Learn more** for more detailed information.

Section 8: Changing Your Settings

This section explains the sound and phone settings for your phone. It includes such settings as: display, security, memory, and any extra settings associated with your phone.

Wireless and Network

Flight mode

Flight mode allows you to use many of your phone's features, such as the camera and games, when you are in an airplane or in any other area where making or receiving calls or data is prohibited.

Important!: When your phone is in Flight mode, it cannot send or receive any calls or access online information or applications.

1. From the Home screen, tap ➔ **Settings** ➔ **Wireless and network**.
2. Tap **Flight mode**. A check mark displayed next to the feature indicates Airplane mode is active. The Flight mode icon is displayed at the top of your screen.

Activating Wi-Fi

1. From the Home screen, tap ➔ **Settings** ➔ **Wireless and network** ➔ **Wi-Fi settings**.
2. Tap **Wi-Fi**. A check mark displayed indicates Wi-Fi is active. For more information, refer to *"Wi-Fi"* on page 119.

Network Notification

By default, when Wi-Fi is on, you receive notifications in the Status bar anytime your phone detects an available Wi-Fi network. You can deactivate this feature if you do not want to receive notifications.

1. From the Home screen, tap ➔ **Settings** ➔ **Wireless and network** ➔ **Wi-Fi settings**.
2. If necessary, tap **Wi-Fi** to turn on the Wi-Fi connection (green check mark displays in the selection box).
3. Tap **Network notification** to add a check mark (Network notification activated) or remove the checkmark (Network notifaction deactivated).

WPS Button Connection

The WPS (Wi-Fi Protected Setup) button is a standard for easy and secure wireless network set up and connections. To use WPS, the connecting device must support WPS and be compatible with Wi-Fi Protected Access (WPA) security. WPS can automatically set up a random network name and WPA wireless security for wireless Wi-Fi phones, routers, access points, computers, adapters, and other electronic devices.

WPS allows you to push buttons instead of entering a network name and wireless security PIN.

1. From the Home screen, tap → **Settings** → **Wireless and network** → **Wi-Fi settings**.
2. Tap **WPS button connection**.
3. Press the WPS button on your Wi-Fi access point within two minutes.

Wi-Fi networks

All Wi-Fi networks that your phone can recognize are displayed.

1. From the Home screen, tap → **Settings** → **Wireless and network** → **Wi-Fi settings**.
2. Tap a network that you want to connect to.
3. Tap **Connect**.
4. Enter the Password if required.

Adding a Wi-Fi network

If a desired Wi-Fi network is not displayed in the Wi-Fi networks list, you can manually add it.

1. From the Home screen, tap → **Settings** → **Wireless and network** → **Wi-Fi settings**.
2. Scroll to the bottom of the menu and tap **Add Wi-Fi network**.
3. Enter the **Network SSID** and **Security** information and tap **Save**.

Activating Wi-Fi Direct

Wi-Fi Direct allows device-to-device connections so you can transfer large amounts of data over a Wi-Fi connection.

1. From the Home screen, tap → **Settings** → **Wireless and network** → **Wi-Fi Direct settings**.
2. Tap **Wi-Fi Direct**. A check mark displayed indicates Wi-Fi Direct is active. For more information, refer to *"Wi-Fi Direct"* on page 120.
3. Tap **Device name** if you want to change the name of your device. The default name is AndroidP2PXXXX, where XXXX is a randomly generated number.

4. The **Status** field shows whether your device is Connected or Disconnected from Wi-Fi Direct.
5. Tap **Disconnect Wi-Fi Direct** when you are ready to disconnect your device.

Bluetooth settings

In this menu you can activate Bluetooth, view or assign a device name, activate your phone so other Bluetooth devices can discover it, or scan for other, available Bluetooth devices with which to pair.

Activating Bluetooth

▶ From the Home screen, tap → **Settings** → **Wireless and network** → **Bluetooth settings** and tap **Bluetooth** to turn it on.

Note: Bluetooth must be enabled prior to use.

Device Name

1. Activate Bluetooth. For more information, refer to *"Turning Bluetooth On and Off"* on page 122.
2. From the Home screen, tap → **Settings** → **Wireless and network** → **Bluetooth settings** and tap **Device name**. The assigned device name displays.
3. Press to erase the current device name and enter a new name for this device using the keyboard.
4. Press **OK** to confirm your setting.

Visible

▶ From the Home screen, tap → **Settings** → **Wireless and network** → **Bluetooth settings** and tap **Visible**.

The phone is now activated for discovery for 119 seconds so you can pair with another device. After 119 seconds the phone becomes invisible again.

Visible time-out

Visible time-out option allows you to make your device visible for a certain time limit and become invisible. This option can only be accessed when your device is set to Visible.

1. From the Home screen, tap → **Settings** → **Wireless and network** → **Bluetooth settings** and tap **Visible time-out**.
2. Tap **2 Minutes**, **5 Minutes**, **1 Hour**, or **Never**.

Scan for devices

This option allows you to scan for active Bluetooth devices so you can pair with them.

1. From the Home screen, tap → **Settings** → **Wireless and**

network ➔ Bluetooth settings and tap **Scan devices**.

Your phone begins scanning and lists any discovered devices in the Bluetooth devices section.

2. Tap a device name to pair with the device.

Important!: Some Bluetooth devices are secured and require a PIN number to confirm and pair with them.

3. Enter a PIN to pair with the device, if one is required, and tap **OK**.

USB utilities

This option allows you to copy files between your PC and the memory card in your phone.

1. From the Home screen, tap **➔ Settings ➔ Wireless and network ➔ USB utilities**.
2. On your phone, tap **Connect storage to PC**.
3. Connect a USB cable from your phone to your PC.
4. When the USB connected screen appears on the phone, tap **Connect USB storage**.

   Your phone will appear on your PC as a removable disk.
5. Open the folder to view files.
6. Copy files between your PC and your memory card.
7. To exit, tap **Disconnect storage from PC**.

Tethering & portable hotspot

This option allows you to share your phones's mobile data connection via USB or as a portable Wi-Fi hotspot.

Tethering

1. From the Home screen, tap **➔ Settings ➔ Wireless and network ➔ Tethering and portable hotspot**.
2. Tap **USB tethering** to add a checkmark and activate the feature. The USB tethering icon is displayed at the top of your screen.
3. Tap **Help** for additional information.

Portable Wi-Fi hotspot

1. From the Home screen, tap **➔ Settings ➔ Wireless and network ➔ Tethering and portable hotspot**.
2. Tap **Portable Wi-Fi hotspot**.
3. Read the introduction and tap **OK**.

4. Tap **Portable Wi-Fi hotspot** to add a checkmark and activate the feature. The Portable Wi-Fi hotspot icon is displayed at the top of your screen.
5. Tap **Configure portable Wi-Fi hotspot**.
6. Enter or edit the Network SSID, Security setting and Password.
7. Tap **Hide my device** to create a checkmark if you want your device hidden.
8. Tap **Save.**

Connecting to Portable Wi-Fi hotspot from other devices

1. Activate Wi-Fi on the device that wants to connect to your phone.
2. Find **[AndroidHotspotXXXX]** in the Wi-Fi network list and connect to it. XXXX are four randomly generated digits that will appear when you set up a Portable Wi-Fi hotspot on your device.

   The connected device can now use internet through your Portable Wi-Fi hotspot.

Note: Activating Wi-Fi and connecting to your phone will be different depending on the type of device.

VPN settings

The VPN settings menu allows you to set up and manage Virtual Private Networks (VPNs).

Important!: Before you can use a VPN you must establish and configure one.

Adding a VPN

Before you add a VPN you must determine which VPN protocol to use: PPTP (Point-to-Point Tunneling Protocol), L2TP (Layer 2 Tunneling Protocol), L2TP/IPSec PSK (Pre-shared key based L2TP/IPSec), or L2TP/IPSec CRT (Certificate based L2TP/IPSec).

1. From the Home screen, tap **→ Settings → Wireless and network → VPN settings**.
2. Tap **Add VPN**.

To establish a PPTP (Point-to-Point Tunneling Protocol):

1. Tap **Add PPTP VPN**.
2. Tap **VPN name**, add a name for this connection using the keypad, then tap **OK**.

3. Tap **Set VPN server**, add a name using the keypad, then tap **OK**.
4. Tap **Enable Encryption** to make a checkmark (if desired).
5. Tap **DNS search domains**, add a name for DNS search using the keypad, then tap **OK**.

To establish a L2TP (Layer 2 Tunneling Protocol):

1. Tap **Add L2TP VPN**.
2. Tap **VPN name**, add a name for this connection using the keypad, then tap **OK**.
3. Tap **Set VPN server**, add a name using the keypad, then tap **OK**.
4. Tap **Enable L2TP Secret** to make a checkmark (if desired).
5. Tap **Set L2TP Secret** and enter a password (if desired), then tap **OK**.
6. Tap **DNS search domains**, add a name for DNS search using the keypad, then tap **OK**.

To establish a L2TP/IPSec PSK (Pre-shared key based L2TP/IPSec):

1. Tap **Add L2TP/IPSec PSK VPN**.
2. Tap **VPN name**, add a name for this connection using the keypad, then tap **OK**.
3. Tap **Set VPN server**, add a name using the keypad, then tap **OK**.
4. Tap **Set IPsec pre-shared key**, enter a key and tap **OK**.
5. Tap **Enable L2TP Secret** to make a checkmark (if desired).
6. Tap **Set L2TP Secret** and enter a password (if desired), then tap **OK**.
7. Tap **DNS search domains**, add a name for DNS search using the keypad, then tap **OK**.

To establish a L2TP/IPSec CRT (Certificate based L2TP/IPSec):

1. Tap **Add L2TP/IPSec CRT VPN**.
2. Tap **VPN name**, add a name for this connection using the keypad, then tap **OK**.
3. Tap **Set VPN server**, add a name using the keypad, then tap **OK**.
4. Tap **Enable L2TP Secret** to make a checkmark (if desired).

5. Tap **Set L2TP Secret** and enter a password (if desired), then tap **OK**.
6. Tap **Set user certificate**, then tap **OK**.
7. Tap **Set CA certificate**, then tap **OK**.
8. Tap **DNS search domains**, add a name for DNS search using the keypad, then tap **OK**.

Mobile networks

Before you use applications such as Google Maps and find your location or search for places of interest, you must enable the Mobile networks options.

- From the Home screen, tap **➔ Settings ➔ Wireless and network ➔ Mobile networks**.

The following options display:

Use Packet Data

To activate the data network, this option must be selected. It is set on by default.

1. From the Home screen, tap **➔ Settings ➔ Wireless and network ➔ Mobile networks**.
2. Tap **Use packet data** to create a checkmark and activate the feature.

Data Roaming

Data roaming allows you to connect to your service provider's partner networks and access data services when you are out of your service providers area of coverage.

1. From the Home screen, tap **➔ Settings ➔ Wireless and network ➔ Mobile networks**.
2. Tap **Data roaming** to create a checkmark and activate the feature.

Access Point Names

To use Wi-Fi you need access to a wireless access point (hotspot).

- From the Home screen, tap **➔ Settings ➔ Wireless and network ➔ Mobile networks ➔ Access Point Names**.

  A list of the Access Point names display. The active access point displays a green, filled circle to the right of the name.

Network Mode

Set the type of network connection your phone will use: GSM/WCDMA (Auto mode), GSM only, WCDMA only.

From the Home screen, tap **➔ Settings ➔ Wireless and network ➔ Mobile networks ➔ Network mode**.

Network Operators

Using this feature you can view the current network connection. You can also scan and select a network operator manually, or set the network selection to Automatic.

1. From the Home screen, tap → **Settings** → **Wireless and network** → **Mobile networks**.
2. Tap **Network operators**.

   The current network connection displays at the bottom of the list.

Important!: You must deactivate data service prior to searching for an available network.

3. Tap **Search networks** to manually search for a network.
4. Tap **Select automatically** to automatically select a network connection.

Note: Connecting to 2G networks slows the data transfer speed and time.

Call Settings

To access the Call settings menu:

- From the Home screen, tap → **Settings** → **Call**.

Call rejection

1. From the Call Settings menu, tap **Call rejection**.
2. Tap **Auto reject mode** to enable your phone to reject calls.
3. Select **Off**, **All numbers**, or **Auto reject numbers**.
4. Tap **Auto reject list**.
5. Tap to manually add numbers to the Reject list.
6. Tap **Unknown**, to create a checkmark and automatically reject all unknown calls.

Set reject messages

1. From the Call Settings menu, tap **Set reject messages**.
2. Tap to manually add a reject message.

   – or –

   Tap one of the pre-written messages to be displayed when you want the call to be rejected.
3. Tap **Save**.

Call alert

1. From the Call Settings menu, tap **Call alert**.
2. Tap **Call status tones** to set the sound settings during a call then tap **OK**.

3. Tap **Alerts on call** to set the alert type.

Call answering/ending

1. From the Call Settings menu, tap **Call answering/ending**.
2. The following options are available:
   - **Answering key**: Tap this option to be able to accept incoming calls by pressing the Home key.
   - **Automatic answering**: Tap this option if you are using a headset and want the call to be automatically answered. Select the time interval before the call is automatically answered.
   - **The power key ends calls**: This option will allow you to end a call by pressing the power key without turning off the screen.

Turn on proximity sensor

▶ From the Call Settings menu, tap **Turn on proximity sensor**.

When you answer a call, the screen will be turned off to save power.

Call forwarding

1. From the Call Settings menu, tap **Call forwarding**.
2. Tap one of the following options:
   - **Always forward**: allows you to forward all voice calls.
   - **Forward when busy** allows you to forward voice calls to a designated number instead of your Voicemail number if you are on another phone call.
   - **Forward when unanswered**: allows you to forward voice calls to a designated number instead of your voicemail number when there is no answer on your phone. You can also select the amount of time that the phone delays before forwarding.
   - **Forward when unreachable**: allows you to forward voice calls to a designated number instead of your voicemail number when you are not in an area covered by your service provider or when your phone is switched off.

Additional settings

1. From the Call Settings menu, tap **Additional settings**.
2. Tap one of the following options:
   - **Caller ID**: allows you to choose how your Caller ID will be displayed. Select Network Default, Hide number, or Show number.
   - **Call barring:** Call barring is a network feature that restricts specific types of calling or prevents others from making calls with your phone. Select All outgoing calls, Int'l (International) calls, Int'l calls except home, All incoming calls, or Incoming when roaming.
   - **Call waiting**: the network service informs you when someone is trying to reach you during another call. Tap to activate.
   - **Auto redial**: automatically redials the last number if the call was either cut off or was unable to connect. Tap to activate.

- **Fixed Dialing Numbers**: allows you to restrict outgoing calls to a limited set of phone numbers.

Using Fixed Dialing Numbers

When Fixed Dialing Numbers is enabled, you can make calls only to phone numbers stored in the FDN list on the SIM card.

Enabling FDN

1. From the Call Settings menu, tap **Additional settings** ➔ **Fixed Dialing Numbers**.
2. Tap **Enable FDN**.
3. At the prompt, enter your PIN2 code and tap **OK**.

   FDN is enabled.
4. To enable FDN after it has been disabled, tap **Disable FDN**, enter your PIN2 code and tap **OK**.

Important!: Not all SIM cards use a PIN2 code. If your SIM card does not, this menu does not display.

The PIN2 code is provided by your carrier. Entering an incorrect PIN2 code could cause the phone to lock. Contact customer service for assistance.

Changing the PIN2 Code

1. From the Call Settings menu, tap **Additional settings** ➔ **Fixed Dialing Numbers**.
2. Tap **Change PIN2**.
3. At the prompt, enter your old PIN2 code.
4. At the prompt, enter a new PIN2 code.
5. Confirm your PIN2 code.

Managing the FDN List

Note: Before you can manage an FDN list a list must be created.

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1. From the Call Settings menu, tap **Additional settings** ➔ **Fixed Dialing Numbers**.
2. Tap **FDN list**.
3. A list of all existing FDN numbers will be displayed.

Voicemail Service

1. From the Call Settings menu, tap **Voicemail Service**.

   Voicemail service provided by your carrier is the default.
2. Tap My carrier to remove the carrier Voicemail service.

Voicemail

You can view or modify your voicemail number from this menu.

1. From the Call Settings menu, tap **Voicemail**.
2. Tap the **Voicemail number** field, backspace to erase the digits, and enter a new voicemail number using the keypad, then tap **OK**.
3. Tap **OK**.

Sound Settings

From this menu you can control the sounds on the phone.

▶ From the Home screen, tap **➔ Settings ➔ Sound**.

The following options display:

Silent mode

Silent mode is convenient when you wish to stop the phone from making noise, in a theater for example. In Silent Mode the speaker is muted and the phone can only vibrate to notify you of incoming calls, or other functions that normally have a defined tone or sound as an alert.

1. From the Home screen, tap **➔ Settings ➔ Sound**.
2. Tap **Silent mode**.

– or –

1. From the Home screen, press the **Lock** key until **Phone options** displays.
2. Tap **Silent mode** to activate or deactivate this mode (the current mode displays).

Vibration

Vibration mode allows your phone to vibrate instead of a producing a tone.

1. From the Home screen, tap **➔ Settings ➔ Sound ➔ Vibration**.
2. Tap **Always**, **Never**, **Only in silent mode**, or **Only when not in silent mode**.

Volume

The Volume option allows you to change the volume for all phone sounds in one easy location.

1. Touch and drag the slider to adjust the sound volume for Incoming calls, Media, System, and Notification.
2. Tap **OK**.

Phone ringtone

This option allows you to set the ringtone.

1. From the Home screen, tap **➔ Settings ➔ Sound**.
2. Tap **Phone ringtone**.

3. Tap a ringtone and tap **OK**.

Notification ringtone

This option allows you to set the ringtone that will sound for notifications and alarms.

1. From the Home screen, tap → **Settings** → **Sound**.
2. Tap **Notification ringtone**.
3. Tap a ringtone and tap **OK**.

Audible Tone Settings

The Audible touch tones and Audible selection options are used when you use the dialing pad, make a screen selection, or lock your screen. Each time you press a key, make a selection, or lock your phone, the selected tone sounds.

1. From the Home screen, tap → **Settings** → **Sound**.
2. Tap **Audible touch tones**, **Audible selection**, or **Screen lock sounds**. A check mark displayed next to these features indicates active status.

Display Settings

In this menu, you can change various settings for the display such as the font, wallpaper, clock position, brightness, orientation, animation, screen timeout, and touch key light duration.

▶ From the Home screen, tap → **Settings** → **Display**.

The following options display:

- **Screen display**: allows you to set the Font style, the Home screen and Lock screen Wallpaper, and the Clock position for the lock screen.
- **Brightness**: configures the LCD Brightness levels. Move the slider to the desired brightness and tap OK.
- **Auto-rotate screen**: allows you to switch the display orientation automatically when you rotate the phone.
- **Animation**: determines whether some or all of the window elements animate. Selections are: No animation, Some animations, and All animations.
- **Screen timeout**: adjusts the delay time before the screen automatically turns off. Selections are: 15 seconds, 30 seconds, 1 minute, 2 minutes, and 10 minutes.
- **Touch key light duration**: allows you to set the time that the touch keys located on the bottom of your phone are lit.

Power Saving Mode

Power Saving Mode allows you to manage your phone to conserve power.

1. From the Home screen, tap → **Settings** → **Power saving**.

2. Tap **Custom power saving mode** to set your phone into Power Saving Mode and allow you to customize your Power Saving settings.
3. Tap **Custom power saving mode settings** to access the following settings:
   - **Power saving on at**: allows you to set the battery power level when Power saving mode will be enabled.
   - **Turn off Wi-Fi**: automatically turns off Wi-Fi when you are not connected with Mobile AP.
   - **Turn off Bluetooth**: automatically turns off Bluetooth when it is not in use.
   - **Turn off GPS**: automatically turns off GPS when it is not in use.
   - **Turn off Sync**: automatically turns off Sync when the phone is not synchronizing with the server.
   - **Brightness**: allows you to manually adjust the brightness of the screen. Tap this option to enable the next Brightness option.
   - **Brightness**: allows you to set the Brightness percentage of the screen.
   - **Screen timeout**: allows you to set the time before the screen times out and goes into lock mode.
4. Tap **Learn about power saving** for more information.

Location and Security

The Location and Security settings allow you to set up how the phone will determine your location and the security settings for your phone.

Use Wireless Networks

Before you use applications such as Google Maps and find your location or search for places of interest, you must enable the Use wireless networks option or enable the GPS satellites.

1. From the Home screen, tap ➔ **Settings** ➔ **Location and security**.
2. Tap **Use wireless networks** to enable location information using the wireless network.

Use GPS satellites

This option allows you to use GPS satellite signals to determine locations accurately to street level. To conserve power, deselect this option when not in use.

1. From the Home screen, tap ➔ **Settings** ➔ **Location and security**.
2. Tap **Use GPS satellites**.

Use sensor aiding

This option enhances the GPS positioning capabilities of your phone and conserves power using sensors.

1. From the Home screen, tap → **Settings** → **Location and security**.
2. Tap **Use sensor aiding** to enable the positioning sensors.

Set up screen lock

Lock the screen with a pattern, PIN number or password to increase security on the phone.

1. From the Home screen, tap → **Settings** → **Location and security**.
2. Tap **Set up screen lock** and select one of the following options:
   - **None**: disables screen unlock security.
   - **Pattern**: requires that you draw a pattern on the screen to unlock it. Follow the onscreen instructions.
   - **PIN**: requires that you enter a numeric PIN number to unlock the screen. Enter a PIN number, confirm it, then tap **OK**.
   - **Password**: requires that you enter a password to unlock the screen. Enter a password, confirm it, then tap **OK**. Password must contain at least one letter.

Note: Once you have set the screen lock option, the **Set up screen lock** option changes to **Change screen lock**.

Set up SIM card lock

Prevent another user from using your SIM card to make unauthorized calls or from accessing information stored on your SIM card by protecting the information using a PIN code.

When enabled, your phone will ask for a PIN number each time you use the phone. Using this option you can also change your SIM PIN number.

1. From the Home screen, tap → **Settings** → **Location and security**.
2. Tap **Set up SIM card lock**.
3. Tap **Lock SIM card**, enter your SIM PIN code, then tap **OK**.

Note: You must activate Lock SIM card before you can change your SIM PIN code.

4. Tap **Change SIM PIN**.
5. Enter your old SIM PIN code and tap **OK**.
6. Enter your new SIM PIN code and tap **OK**.
7. Re-type your new SIM PIN code and tap **OK**.

Find my mobile

These options let you send an SMS message to preset phone numbers if your phone is ever turned on with a different SIM card in it, and allows the phone to be locked, tracked, and wiped remotely.

Note: Requires a Samsung account.

1. From the Home screen, tap ➔ **Settings** ➔ **Location and security**.
2. Tap **SIM Change Alert** to place a checkmark in the selection box and enable sending an SMS message to preset phone numbers if your phone is ever turned on with a different SIM card in it.
3. Tap **Alert message recipients** and enter phone number and message for alert recipients, then tap **Done**
4. Tap **Remote Controls** to place a checkmark in the selection box and allow the phone to be locked, tracked, and data to be wiped remotely.

Visible passwords

When you create a phone password the phone displays the characters typed instead of asterisks (*).

1. From the Home screen, tap ➔ **Settings** ➔ **Location and security**.
2. Tap **Visible passwords** to create a checkmark and activate this feature.

Set up/Change password

Use this option to create or change your password.

1. From the Home screen, tap ➔ **Settings** ➔ **Location and security** ➔ **Set up/Change password**.
2. Enter a new password and tap **Confirm**.
3. Enter the new password again and tap **Confirm**.

Select device administrators

The Device Administration feature allows you to select one or more administration applications that control your device for security purposes (for example, if your phone is lost of stolen). These applications enforce remote or local device security policies.

Some of the features a device administration application might control are:

- Setting the number of failed password attempts before the device is restored to factory settings.
- Automatically locking the device.

- Restoring factory settings on the device.

Note: If a device uses multiple enabled administration applications, the strictest policy is enforced.

1. From the Home screen, tap → **Settings** → **Location and security**.
2. Tap **Select device administrators**.
3. Select a device administrator and follow the prompts. If no device administrators are listed, you can download them from the Android Market.

Credential storage

This option allows certain applications to access secure certificates and other credentials. Certificates and credentials can be installed to the SD card and password protected.

1. From the Home screen, tap → **Settings** → **Location and security**.
2. Tap **Use secure credentials** to activate this feature. A check mark displayed next to the feature indicates secure credentials is active.
3. Tap **Install from USB storage** to install encrypted certificates from USB storage.
4. Tap **Set password** to set or change the credential storage password.
5. Tap **Clear storage** to clear the storage (SD card or phone memory) of all contents and reset the credentials password.

Applications

This device can be used for Android development. You can write applications in the SDK and install them on this device, then run the applications using the hardware, system, and network. This feature allows you to configure the device for development.

Unknown sources

This feature allows you to download and install non-Market applications.

1. From the Home screen, tap → **Settings** → **Applications**.
2. Tap **Unknown sources**.

   A check mark is displayed to indicate it is active.

Quick Launch

This feature allows you to set keyboard shortcuts to launch applications whenever you are using your keyboard. To use Quick Launch, you must be slide open your phone and use the keyboard.

1. From the Home screen, tap → **Settings** → **Applications**.
2. Tap **Quick launch**.

   A list of applications and corresponding pre-set shortcuts are listed.

3. If the application you want to create a keyboard shortcut for is not listed, tap **Assign application** next to one of the unused shortcut letters.

   A list of available applications is displayed.

4. Tap the application you want to add as a shortcut or press → **Shortcuts** to display additional options.

   The application shortcut is created.

5. Touch and hold an assigned shortcut to display the **Clear** pop-up. Touch **OK** to remove the assignment.
6. To activate the shortcut, slide open your phone to reveal the keyboard, press and hold the Search key on the bottom front of the phone (not the keypad), and enter the letter or number that is the application shortcut while you are still pressing the Search key .

Manage Applications

Access the list of the applications installed on the phone and check the application information. The applications are grouped in categories as Downloaded, All, On SD card and Running. In each category, you can further sort the applications by size or alphabetically. Press → **Sort by size** or **Sort by name**.

You can also view the amount of memory or resources used as well as the remaining memory and resources for each of the applications on your phone and clear the data, cache, or defaults.

- From the Home screen, tap → **Settings** → **Applications** → **Manage applications**.

Clearing application cache and data

Important!: You must have downloaded applications installed to use this feature.

1. From the Home screen, tap ➔ **Settings** ➔ **Applications** ➔ **Manage applications**.
2. Tap an application in which to clear the cache or data.
3. Tap **Clear data** or **Clear cache**.

Uninstalling third-party applications

Important!: You must have downloaded applications installed to use this feature.

1. From the Home screen, tap ➔ **Settings** ➔ **Applications** ➔ **Manage applications**.
2. Tap the application you want to uninstall and tap **Uninstall**.
3. At the prompt, tap **OK** to uninstall the application.
4. At the **Uninstalled** prompt, tap **OK**.

Running services

The Running services option allows you to view and control all currently running services.

To stop a service from running on your phone:

1. From the Home screen, tap ➔ **Settings** ➔ **Applications** ➔ **Running Services**.
2. Tap a service.
3. Tap **Stop** to stop the service from running on your phone.

Storage usage

The Storage usage option allows you to view the memory usage for your applications.

1. From the Home screen, tap ➔ **Settings** ➔ **Applications** ➔ **Storage usage**.

   The storage used by the different applications that are present on your phone is displayed.
2. Tap the **Running** tab to see the memory usage for applications that are presently running.
3. Tap the **Downloaded** tab to see the memory usage for Downloaded applications.
4. Tap the **On SD card** tab to see the memory usage for applications that are stored on your SD card.

5. Tap the **All** tab to see all memory usage for applications that are stored on your SD card.

Battery usage

The Battery usage option allows you to view the battery usage of the applications and features on your phone.

1. From the Home screen, tap ➔ **Settings** ➔ **Applications** ➔ **Battery usage**.
2. Press ➔ **Refresh** to refresh the display.

Development

▶ From the Home screen, tap ➔ **Settings** ➔ **Applications** ➔ **Development**.

Important!: These features are used for development purposes only.

USB debugging

This feature is used for development purposes only. It turns on Debug mode when USB is connected.

Stay awake

This feature is used for development purposes only.

When this feature is activated, the screen will never sleep while charging.

Allow mock locations

This feature is used for development purposes only. It allows the entry of “mock” GPS coordinates in order to test GPS applications.

Accounts and Synchronization

1. Sign in to your Google account.
2. From the Home screen, tap ➔ **Settings** ➔ **Accounts and sync**.
3. From the General sync settings section, tap one of the following options:
   - **Background data**: allows your phone to use data in the background.
   - **Auto-sync**: automatically synchronizes your data with the phone.
4. From the **Manage accounts** section, tap on an open account to set the account settings or tap on **Add account** to add a new account.

Privacy

Change the settings for managing your settings and data, or reset the phone to erase all personal data.

▶ From the Home screen, tap ➔ **Settings** ➔ **Privacy**.

Back up my data

Back up all of your settings and data to the Google server.

1. From the Home screen, tap → **Settings** → **Privacy**.
2. Tap **Back up my data**.

   A green checkmark will appear.

Automatic restore

Set the device to restore backed up application data when reinstalling an application.

1. From the Home screen, tap → **Settings** → **Privacy**.
2. Tap **Automatic restore**.

   A green checkmark will appear.

Factory data reset

Reset your settings to the factory default values and delete all your data.

1. From the Home screen, tap → **Settings** → **Privacy**.
2. Tap **Factory data reset**.
3. If you want to erase all data on your USB storage, such as music and photos, tap the **Format USB storage** checkbox to create a green checkmark.
4. Tap **Reset phone**.
5. At the confirmation screen, tap **Erase everything**.

   The phone resets to the factory default settings automatically and when finished, displays the Home screen.

Warning!: Performing a Factory data reset will erase all data from your phone, including your Google account, system and application data and settings, and downloaded applications. It will not erase current system software, bundled applications, and external SD card files such as music and photos unless you check the Format USB storage checkbox.

Storage

From this menu you can view the memory allocation for the phone and SD card, mount or unmount the SD card, and format the SD card.

For more information about mounting or unmounting the SD card, see *"Memory Card"* on page 30.

- From the Home screen, tap → **Settings** → **Storage**.

SD card

The available memory displays under the **Total space** and **Available space** headings for your SD card.

1. Touch **Unmount SD card** to prepare the memory card for safe removal or formatting.

2. Touch **Format SD card** to erase the memory card and prepare it for use with your phone.

USB storage

The available memory displays under the **Total space** and **Available space** headings for your USB storage.

- Tap **Format USB storage** to erase all data on the phone's USB storage such as music and photos.

System Storage

The available memory displays under the **Available space** heading for your System memory.

Language and keyboard

This setting allows you to configure the language in which to display the menus. You can also set onscreen keyboard options.

- From the Home screen, tap → **Settings** → **Language and keyboard**.

Select language

To set the language that the menus display on the phone:

1. From the Home screen, tap → **Settings** → **Language and keyboard** → **Select language**.
2. Tap on a language from the list.

Select input method

There are two input methods available: Swype and Samsung keypad. Samsung keypad is the default text input method.

1. From the Home screen, tap → **Settings** → **Language and keyboard** → **Select input method**.
2. Select Samsung keypad or Swype.

Swype Settings

To configure Swype settings:

1. From the Home screen, tap → **Settings** → **Language and keyboard** → **Swype** to create a green checkmark.
2. Tap **Swype** (Swype settings) to access the following settings:
   - **Select Input Method**: allows you to switch between different keyboard types.
   - **How to Swype**: provides tips on how to learn to use Swype.
   - **Personal dictionary**: Allows you to setup and manage your own dictionary.
   - **Preferences**: Allows you to view and modify the following Swype options:
     - **Audio feedback**: When enabled, plays sounds as you enter text.
     - **Vibrate on keypress:** phone vibrates with each keypress.

- **Show tips**: When enabled, the device displays helpful tips.
- **Auto-spacing**: When enabled, inserts spaces automatically when you pause entering text.
- **Auto-capitalization**: When enabled, automatically capitalizes the first letter of the first word in a sentence.
- **Show complete trace**: When enabled, briefly display the Swype trace.
- **Word suggestion**: When enabled, suggests possible matching words as you enter text.
- **Speed vs. accuracy**: Send the sensitivity of Swype text recognition.
- **Reset Swype's dictionary**: Deletes all of the words you have added and loads the default dictionary.
- **Version**: View the current Swype software version.

• **Language Options**: Allows you to set the language that you will be using.

Samsung Keypad settings

From this menu you can set Samsung keypad options.

1. From the Home screen, tap ➔ **Settings** ➔ **Language and keyboard** ➔ **Samsung keypad** to create a green checkmark.
2. Tap **Samsung keypad** (Samsung keypad settings).
3. Tap the **Portrait keypad types** field and select a text input method:
   - Qwerty Keypad
   - 3x4 Keypad
   - Handwriting box 1
   - Handwriting box 2
4. Tap the **Input languages** field and tap one of the languages.
5. To use XT9 Predictive text method, tap **XT9**.
6. If you are using XT9 Predictive text method, tap **XT9 advanced settings**. For more information, refer to *"XT9 Advanced Settings"* on page 109.
7. Tap the **Keypad sweeping** field to be able to sweep the keypad and change from **ABC** to**?123** mode.

8. Tap the **Auto-capitalization** field to enable automatic capitalization of the first letter of a sentence.
9. Tap **Voice input** to activate the Voice input feature. Voice input is an experimental feature using Google's networked speech recognition application.
10. Tap **Auto-full stop** to activate the Auto-full stop feature. When you double space in a message, a period and space is added and the keyboard is placed into Uppercase mode so you can start the new sentence with a capital letter.
11. Tap **Tutorial** for a short tutorial on using the Samsung keypad.

XT9 Advanced Settings

The following XT9 Advanced settings are only available if the **XT9** field has been selected.

1. From the Home screen, tap **➔ Settings ➔ Language and keyboard ➔ Samsung keypad ➔ XT9 Advanced settings**.
2. Tap the **Word completion** field to enable word completion. Your phone will predict how to complete the word you have started.
3. Tap the **Word completion point** field to set how many letters should be entered before a prediction is made.
4. Tap the **Spell correction** field. This option corrects typographical errors by selecting from a list of possible words that reflect the characters of the keys you tapped as well as the characters of nearby keys.
5. Tap the **Next word prediction** field to enable word prediction for the next word.
6. Tap the **Auto-append** field to automatically add predictions to the word you are typing.
7. Tap the **Auto-substitution** field to automatically replace words that you are typing. This option will help for accidental misspellings.
8. Tap the **Regional correction** field. This option sets the device to automatically correct mistyped words according to normal spelling for your region.
9. Tap the **Recapture** field. This option sets the device to re-display the word suggestion list when you select the wrong word from the list.

10. To add a new word to the T9 dictionary:
    Tap the **XT9 my words** field, then press → **Add**. Enter the new word in the **Register to XT9 my words** field, then tap **Done**.
11. To add words to substitute (for example youve becomes you've) tap **XT9 auto-substitution**.
12. A list of substitutions is displayed. If you don't see the substitution you want, press → **Add**, and then input the Shortcut word and Substitution word. Tap **Done**.

Built-in Keyboard

This section describes how to change the settings for your Built-in keyboard.

1. From the Home screen, tap → **Settings** → **Language and keyboard** → **Built-in keyboard**.
2. The following options are available and turned on by default:
    - **Auto-replace**: allows you to have misspelled words automatically corrected.
    - **Auto-cap**: allows you to have the first letter in each sentence automatically capitalized.
    - **Auto-punctuate**: allows you to press the Space key twice to insert text.

Voice Input and Output

This feature allows the device to provide a verbal readout of onscreen data such as messages and incoming caller information.

1. From the Home screen, tap → **Settings** → **Voice input and output**.
2. Tap **Voice recognition** and tap **Vlingo** or **Google** to select the voice recognition engine you want to use.
3. Tap **Voice recognition settings**.

    If you selected Vlingo, the following settings are available:

    - **Language**: select the language you want the engine to recognize.
    - **Play sounds**: play various audio alert tones.
    - **Web search engine**: select a default Web search engine (Google,.Bing or Yahoo).
    - **Auto-dial**: choose when to auto-dial spoken numbers (Always, When confident, or Never).
    - **Hide offensive words**: Hide potentially offfensive words with asterisks.
    - **InCar settings**: settings for Vlingo InCar.
    - **SafeReader settings**: settings for SafeReader (speak incoming messages).
    - **Social settings**: log in to Facebook, Twitter or Foursquare.

- **Advanced settings**: settings for nerds.

If you selected Google, the following settings are available:

- **Language**: allows you set the language you will be using for your voice input and output.
- **SafeSearch**: allows you to filter explicit images when performing voice searches. You can set to Off, Moderate, or Strict.
- **Block offensive words**: allows you to hide recognized offensive words.

4. Tap **Text-to-speech settings** to access the following options:

- **Listen to an example**: plays a short example of what the text-to-speech feature sounds like on your device when activated.
- **Driving mode**: allows incoming calls and new notifications to be read out automatically.
- **Driving mode settings**: allows you to choose exactly what information is read out automatically.
- **Always use my settings**: accepts an override of application settings with personal configurations for this text-to-speech settings screen. If enabled, your device defaults to using the text-to-speech feature.
- **Default engine**: allows you to select the default engine used for voice recognition (Pico TTS or downloaded engine).
- **Install voice data**: confirms the installation of necessary data required for voice synthesis.
- **Speech rate**: adjusts the rate at which onscreen text is spoken by the device. Choose from: **Very slow**, **Slow**, **Normal**, **Fast**, and **Very fast**.
- **Language**: assigns the language used for verbal readout. Tap a language option.
- **Pico TTS**: allows you to modify settings for the Pico TTS engine

Accessibility Settings

Lets you enable and disable included and downloaded accessibility applications that aid in navigating your Android device, such as TalkBack (uses synthesized speech to describe the results of actions), KickBack (provides haptic feedback for actions), and SoundBack (plays sounds for various actions). Also lets you enable use of the power key to end calls.

1. From the Home screen, tap ➔ **Settings** ➔ **Accessibility**.
2. Tap **Accessibility** to create a checkmark and activate the feature.
3. Tap TalkBack (included with your phone) or a downloaded application to create a checkmark and activate the feature.
4. If an **Attention** prompt appears, tap **OK** to continue or **Cancel** to exit.

5. To listen to mono audio using one earphone, tap **Mono audio** to create a checkmark.
6. Tap **Call answering/ending** to access the following options:
   - **Answering key**: tap this option to create a checkmark and accept incoming calls by pressing the home key.
   - **Automatic answering**: tap this option to set how long before the phone automatically answers. This feature only operates with a connected headset.
   - **The power key ends calls**: tap this option to create a checkmark if you want to press the power key to end calls. This will not turn off the screen.
7. Tap **Accessibility shortcut** to create a checkmark. This feature allows you to press and hold the power key to use the accessibility shortcut in phone options.

Date and Time

This menu allows you to change the current time and date displayed.

1. From the Home screen, tap → **Settings** → **Date and time**.
2. Tap **Automatic** to allow the network set the date and time (indicated by green check mark) or disable automatic setting.

If automatic date and time setting has been deactivated, manually adjust the settings as required.

3. Tap **Set date** and use the plus or minus icons to set the **Month**, **Day**, and **Year** then tap **Set**.
4. Tap **Select time zone**, then tap a time zone.
5. Tap **Set time** and use the plus or minus icons, set **Hour**, and **Minute**. Tap **PM** or **AM**, then tap **Set**.
6. Optional: Tap **Use 24-hour format**. If this is not selected the phone automatically uses a 12-hour format.
7. Tap **Select date format** and tap the date format type.

About Phone

This menu contains legal information, system tutorial information, and other phone information such as the model number, firmware version, baseband version, kernal version, and software build number.

To access phone information:

▶ From the Home screen, tap → **Settings** → **About phone**. The following information displays:

- **Software update:** Lets you check for operating system updates, set Auto Update to automatically check for updates, choose whether to

only download updates via Wi-Fi, and set whether to receive update information via push messages.

- **Status**: displays the battery status, the level of the battery (percentage), the phone number for this device, the network connection, signal strength, mobile network type, service state, roaming status, mobile network state, IMEI number, IMEI SV, Wi-Fi MAC address, Bluetooth address, and Up time.
- **Battery usage**: displays the applications or services (in percentages) that are using battery power.
- **Legal information**: This option displays information about Open source licenses as well as Google legal information. This information clearly provides copyright and distribution legal information and facts as well as Google Terms of Service, Terms of Service for Android-powered Phones, and much more pertinent information as a reference. Read the information and terms, then press to return to the Settings menu.
- **Model number**: displays the phone's model number.
- **Android version**: displays the android version loaded on this handset.
- **Baseband version**: displays the baseband version loaded on this handset.
- **Kernel version**: displays the kernel version loaded on this handset.
- **Build number**: displays the software, build number.

Note: Baseband, kernal and build numbers are usually used for updates to the handset or support. For additional information please contact your service representative.

Software Update

Software Update feature enables you to use your phone to connect to the network and upload any new phone software directly to your phone. The phone automatically updates with the latest available software when you access this option.

1. From the Home screen, tap → **Settings** → **About phone** → **Software update**.
2. Select your country in the drop-down box, read the disclaimer and tap the check box to accept the terms, then tap **Confirm**.
3. To download updates via Wi-Fi only, avoiding additional charges for using data networks, tap **Wi-Fi only**.
4. Tap **Update**.
5. The phone automatically updates the software (if available), otherwise, when the **No update available** prompt is displayed, tap **OK**.

Section 9: Connections

This section describes the various connections your phone can make, including accessing the Internet with your Browser, Wi-Fi, Bluetooth, and Connecting your PC.

Browser

The Browser is your access to the mobile web. This section explains how to navigate the Browser and introduces you to the basic features.

Accessing the Mobile Web

To access the Browser:

▶ From the Home screen, tap → **Internet** .

The default homepage displays.

Navigating with the Browser

1. To select an item, tap an entry.
2. To scroll through a website, sweep the screen with your finger in an up or down motion.
3. Sweep the screen left to right to move laterally across a web page.
4. To return to the previous page, press .

Zooming in and out of the Browser

There are two ways to Zoom in and out on your browser. After tapping on a link or article, use one of these methods:

- **Double tap**: Quickly tap the screen twice on the web page to zoom in or out.
- **Pinch**: PLace two fingers on the screen at the same time and move them together or apart to zoom in or out (use a pinching-in or pinching-out motion).

Enter a URL

You can access a website quickly by entering the URL. Websites are optimized for viewing on your phone.

To enter a URL and go to a particular website, follow these steps:

1. Tap the **URL** field at the top of your screen.
2. Enter the URL using the on-screen keypad.
3. Tap **Go**.

   The website displays.

Browser Options

1. From any webpage, press to access the following options:

- **New window**: displays a new window so you can browse multiple URLs. For more information, refer to *"Adding and Deleting Windows"* on page 115.
- **Windows**: displays a list of the windows you have open.
- **Refresh**: reloads the current page.
- **Forward**: forwards the browser to another web page.
- **Add bookmark**: allows you to add a URL to your bookmark list.
- **More**: displays the following additional options:
  - **Add shortcut to Home**: allows you to set your homepage as a shortcut on your display.
  - **Find on page**: allows you to search in the current page.
  - **Page info**: displays information about the selected page.
  - **Share page**: allows you to share the page using Gmail or as a message.
  - **Downloads**: displays the download history.
  - **Settings**: allows you to modify your web settings. For more information, refer to *"Browser Settings"* on page 117.
  - **Print**: allows you to print the screen or web page on a Samsung printer using Wi-Fi.

Search the Internet

To perform an internet search using keywords, follow these steps:

1. In Idle mode, tap the Google Search bar, tap ➔ **Search**, or press .
2. Enter the keyword(s) to search using the on-screen keypad and tap **Go**.
3. A list of search results displays.
4. Tap a link to view the website.

Adding and Deleting Windows

You can have up to eight Internet windows open at one time. To add a new window, follow these steps:

1. From your Internet browser, press ➔ **New window**.

   A new browser window is opened.
2. Press ➔ **Windows** to see a list of all open windows.
3. Tap a window listing to open up that Internet window.
4. Tap at the top right corner of the web page thumbnail to delete the window.

Using Bookmarks

While navigating a website, you can bookmark a site to quickly and easily access it at a future time. The URLs (website addresses) of the bookmarked sites are displayed in the Bookmarks page. From the Bookmarks page you can also view your Most visited websites and view your History.

1. From any webpage, tap .

The Bookmarks page is displayed.

2. Press [Menu] to display the following options:
   - **Add bookmark**: Creates a new bookmark for the last webpage that you viewed.
   - **List/Thumbnail view**: You can select **Thumbnail view** (default) to see a thumbnail of the webpage with the name listed, or you can select **List view** to see a list of the bookmarks with Name and URL listed.
   - **Create folder**: Creates a new bookmark folder.
   - **Change order**: Allows you to move pages around on the Bookmarks page. Touch and hold a bookmark icon, then move it to the desired location.
   - **Move to folder**: Allows you to move a page to a folder.
   - **Delete**: Allows you to delete one or all of your bookmarks.
3. Tap a bookmark to view the webpage, or touch and hold a bookmark for the following options:
   - **Open**: Opens the webpage of the selected bookmark.
   - **Open in new window**: Opens the webpage in a new window.
   - **Edit bookmark**: Allows you to edit the name or URL of the bookmark. For more information, refer to *"Editing Bookmarks"* on page 116.
   - **Add shortcut to Home**: Adds a shortcut to the bookmarked webpage to your phone's Home screen.
   - **Share link**: Allows you to share a URL address via Bluetooth, ChatON, Email, Gmail, Google+, Messaging, Social Hub, or Wi-Fi Direct.
   - **Copy link URL**: Allows you to copy the URL address to use in a message.
   - **Delete bookmark**: Allows you to delete a bookmark. For more information, refer to *"Deleting Bookmarks"* on page 117.
   - **Set as homepage**: Sets the bookmark to your new homepage.

Adding Bookmarks

1. From any webpage, tap [Bookmarks] ➔ [Menu] ➔ **Add bookmark**.
2. As required, use the on-screen keypad to modify the name of the bookmark and the URL.
3. Tap **OK**.
4. **Saved to bookmarks** will appear at the bottom of the page.

Editing Bookmarks

1. From the Bookmarks page, tap and hold the bookmark you want to edit.
2. Tap **Edit bookmark**.
3. Use the on-screen keypad to edit the name of the bookmark or the URL.
4. Tap **OK**.

Deleting Bookmarks

1. From the Bookmarks page, tap and hold the bookmark you want to delete.
2. Tap **Delete bookmark**.
3. At the Delete confirmation window, tap **OK**.

Emptying the Cookies

A cookie is a small file which is placed on your phone by a website during navigation. In addition to containing some site-specific information, it can also contain some personal information (such as a username and password) which can pose a security risk if not properly managed. You can clear these cookies from your phone at any time.

1. From any webpage, press ➔ **More** ➔ **Settings** ➔ **Clear all cookie data**.
2. At the **Clear** prompt, tap **OK** to delete the cookies or tap **Cancel** to exit.

Using your History

The History list provides you with a list of the most recently visited websites. These entries can be used to return to previously unmarked web pages.

1. From any webpage, tap ➔ **History** .

   A list of your most recently visited websites is displayed with Name and URL address.
2. Tap any entry to display the webpage.
3. Press ➔ **Clear history** to delete the History list.

Using Most Visited

The Most visited list provides you with a list of the most visited websites that you have bookmarked. These entries can be used to return to previously unmarked web pages.

1. From any webpage, tap ➔ **Most visited** .

   A list of your most visited webpages is displayed with Name and URL address. The webpages that have been visited the most will appear at the top.
2. Tap any entry to display the webpage.

Browser Settings

To make adjustments in your browser settings, follow these steps:

1. Tap ➔ **Internet** ➔ ➔ **More** ➔ **Settings**.
2. The following options are available:
   - **Default zoom**: Adjusts the zoom. Set to Far, Medium, or Close.
   - **Open pages in overview**: Shows an overview of newly opened web pages.

- **Text encoding**: Adjusts the current text encoding.
- **Block pop-up windows**: Prevents popup advertisement or windows from appearing onscreen. Remove the checkmark to disable this function.
- **Load images**: Allows web page images to be loaded along with the other text components of a loaded website.
- **Auto-fit pages**: Allows web pages to be resized to fit as much of the screen as possible.
- **Landscape view only**: Displays the browser in only the horizontal position.
- **Enable JavaScript**: Enables javascript for the current Web page. Without this feature, some pages may not display properly. Remove the checkmark to disable this function.
- **Enable plug-ins**: Allows the download of plug-ins such as Adobe Flash.
- **Open in background**: New pages are launched in a separate page and displayed behind the current one. Remove the checkmark to disable this function.
- **Set home page**: Sets the current home page for the Web browser.
- **Default storage**: Allows you to set your default storage to Phone or Memory Card.
- **Clear cache**: Deletes all currently cached data. Tap **OK** to complete the process.
- **Clear history**: Clears the browser navigation history. Tap **OK** to complete the process.
- **Accept cookies**: Allows sites, that require cookies, to save and read cookies from your device.
- **Clear all cookie data**: Deletes all current browser cookie files.
- **Remember form data**: Allows the device to store data from any previously filled out forms. Remove the checkmark to disable this function.
- **Clear form data**: Deletes any stored data from previously filled out forms. Tap OK to complete the process.
- **Enable location**: Allows websites to request access to your location.
- **Clear location access**: Clears location access for all websites. Tap **OK** to complete the process.
- **Remember passwords**: Stores usernames and passwords for visited sites. Remove the checkmark to disable this function.
- **Clear passwords**: Deletes any previously stored usernames or passwords. Tap **OK** to complete the process.
- **Show security warnings**: Notifies you if there is a security issue with the current website. Remove the checkmark to disable this function.
- **Select search engine**: allows you to set your default search engine to Google, Yahoo!, or Bing.
- **Website settings**: View advanced settings for individual websites.
- **Reset to default**: Clears all browser data and resets all settings to default.

Wi-Fi

About Wi-Fi

Wi-Fi (short for "wireless fidelity") is a term used for certain types of Wireless Local Area Networks (WLAN) that use an 802.11 wireless communication standards to transmit and receive wireless data. Wi-Fi communication requires access to an existing and accessible Wireless Access Point (WAP). These WAPs can either be Open (unsecured) or Secured (requiring knowledge of the router name and password).

Turning Wi-Fi On

By default, your device's Wi-Fi feature is turned off. Turning Wi-Fi on makes your device able to discover and connect to compatible in-range WAPs.

1. From the Home screen, tap **➔ Settings ➔ Wireless and network ➔ Wi-Fi settings**.
2. Tap the **Wi-Fi** field to activate the feature. A green checkmark indicates that Wi-Fi is active. The device will scan for available in-range wireless networks and display them under Wi-Fi networks on the same screen.

Connect to a Wi-Fi Network

1. From the Home screen, tap **➔ Settings ➔ Wireless and network ➔ Wi-Fi settings**.

   The network names and security settings (Open network or Secured with WEP) of detected Wi-Fi networks are displayed in the Wi-Fi networks section.
2. Tap the network you want to connect to.

Note: When you select an open network, you will be automatically connected to the network.

3. Enter a wireless password if necessary.

Manually add your new network connection

1. Tap **Add Wi-Fi network**.
2. Enter the **Network SSID**. This is the name of your Wireless Access Point.
3. Tap the **Security** field and select a security option. This must match the current security setting on your target WAP.
4. If secured, you will also need to enter your WAP's password.
5. Tap **Save** to store the new information and connect to your target WAP.

Note: The next time your device connects to a previously accessed or secured wireless network, you are not prompted to enter the WAP key again, unless you reset your device back to its factory default settings.

Turning Wi-Fi Off

1. From the Home screen, tap → **Settings** → **Wireless and network** → **Wi-Fi settings**.
2. Tap the **Wi-Fi** field to deactivate the feature. The green checkmark will be removed.

Note: Use of wireless data connections such as Wi-Fi and Bluetooth can cause an added drain to your battery and reduce your use times.

Manually Scan for a Wi-Fi Network

1. From the Home screen, tap → **Settings** → **Wireless and network** → **Wi-Fi settings**.
2. Press → **Scan**.

Wi-Fi Status Indicators

The following icons show your Wi-Fi connection status at a glance:

Displays when Wi-Fi is connected, active, and communicating with a Wireless Access Point (WAP).

Displays when Wi-Fi is active but there is a communication issue with the target Wireless Access Point (WAP).

Displays when connected to another device using Wi-Fi Direct. For more information, refer to *"Wi-Fi Direct"* on page 120.

Wi-Fi Advanced Settings

The Wi-Fi settings - Advanced menu allows you to set up many of your device's Wi-Fi service, including:

- Setting your Wi-Fi sleep policy
- Viewing your device's MAC Address
- Configuring use of either a DHCP or Static IP

To access the Bluetooth Settings menu:

1. From the Home screen, tap → **Settings** → **Wireless and network** → **Wi-Fi settings**.
2. Press → **Advanced**.

For more information, refer to *"Network Notification"* on page 87.

Wi-Fi Direct

Wi-Fi Direct allows device-to-device connections using Wi-Fi.

1. From the Home screen, tap → **Settings** → **Wireless and network** → **Wi-Fi Direct settings**.

2. If you are currently connected to a Wi-Fi network, a prompt will display **Current network will be disconnected**. Tap **OK** to continue.
3. Tap **Wi-Fi Direct**. A check mark is displayed indicating that Wi-Fi Direct is active.
4. Repeat **steps 1 - 3** on the other device you want to connect with.
5. Once the device you want to connect to is displayed, tap on it.
6. Tap **Connect**.
7. The other device will receive a **Wi-Fi Direct connection** prompt and has 2 minutes to tap **OK** for the connection to be made.
8. Once connected, the other device will show as **Connected** in your list of Wi-Fi Direct devices and the icon will display at the top of your screen.
9. Tap **Device name** to change your Device name if desired.

Sharing Information with Connected Device

To share videos, photos, or other information with the connected device, follow these steps:

1. View the information that you want to share. For example, if you want to share a photo, find the photo in your camera viewer or **My files** folder, then tap the **Share** or **Share via** option and tap **Wi-Fi Direct**.
2. Tap the connected device name. For example, AndroidP2PXXXX.
3. The other device will receive a prompt to receive the information and must tap **OK**.
4. The file is transferred and the other device will receive a screen notification that a Wi-Fi file has been received. The file can be found in **My files** in the **ShareViaWifi** folder.

Note: Depending on the other device model, the prompts and shared folder information may differ.

Bluetooth

About Bluetooth

Bluetooth is a short-range communications technology that allows you to connect wirelessly to a number of Bluetooth devices, such as headsets and hands-free car kits, and Bluetooth-enabled handhelds, computers, printers, and wireless devices. The

Bluetooth communication range is usually up to approximately 30 feet.

Turning Bluetooth On and Off

To turn Bluetooth on:

1. From the Home screen, tap → **Settings** → **Wireless and network** → **Bluetooth settings**.
2. Tap the **Bluetooth** field to activate the feature (checkmark indicates active). When active, appears within the Status area.

To turn Bluetooth off:

1. From the Home screen, tap → **Settings** → **Wireless and network** → **Bluetooth settings**.
2. Tap the **Bluetooth** field to deactivate the feature. The green checkmark will be removed.

Bluetooth Status Indicators

The following icons show your Bluetooth connection status at a glance:

Displays when Bluetooth is active.

Displays when Bluetooth is connected (paired) and communicating.

Displays when Bluetooth is on but is not connected to a Bluetooth device.

Bluetooth Settings

The Bluetooth settings menu allows you to set up many of the characteristics of your device's Bluetooth service, including:

- Entering or changing the name your device uses for Bluetooth communication and description
- Setting your device's visibility (or "discoverability") for other Bluetooth devices
- Displaying your device's Bluetooth address

To change Bluetooth Settings:

1. From the Home screen, tap → **Settings** → **Wireless and network** → **Bluetooth settings**.
2. Verify your Bluetooth is active.
3. To change your Bluetooth name, tap **Device name**, enter a new name and tap **OK**.
4. To make your device visible, tap **Visible**.
   - Making your device visible allows it to be detected by other devices for pairing and communication.
   - Tap **Visible time-out** to set how long your device will remain invisible.

To scan for Bluetooth devices:

1. Verify your Bluetooth is active.
2. From the Bluetooth settings page, tap **Scan devices** to search for visible external Bluetooth-compatible devices such as headsets, devices, printers, and computers.

Pairing Bluetooth Devices

The Bluetooth pairing process allows you to establish trusted connections between your device and another Bluetooth device. When you pair devices, they share a passkey, allowing for fast, secure connections while bypassing the discovery and authentication process.

To pair your device with another Bluetooth device:

1. Verify your Bluetooth is active.
2. Tap **Scan devices**. Your device will display a list of discovered in-range Bluetooth devices.
3. Tap a device from the list to initiate pairing.
4. Enter the passkey or PIN code, if needed, and tap **OK**.
5. The external device will then have to also accept the connection and enter your device's PIN code.

Once successfully paired to an external device, appears within the Status area.

Note: Due to different specifications and features of other Bluetooth-compatible devices, display and operations may be different, and functions such as transfer or exchange may not be possible with all Bluetooth compatible devices.

Note: Pairing between two Bluetooth devices is a one-time process. Once a pairing has been created, the devices will continue to recognize their partnership and exchange information without having to re-enter a passcode again.

Disconnecting a paired device

Disconnecting a paired device breaks the connection between the device and your phone, but retains the knowledge of the pairing. At a later point when you wish to reconnect the device, there is no need to setup the connection information again.

1. Verify your Bluetooth is active.
2. From the Bluetooth settings page, tap the previously paired device (from the bottom of the page).
3. Tap **OK** to confirm disconnection.

– or –

From the Bluetooth settings page, touch and hold the name of the previously paired device, and select **Disconnect**.

Note: Disconnections are manually done but often occur automatically if the paired device goes out of range of your phone or it is powered off.

Deleting a paired device (unpair)

Deleting a device from your list removes its "connection record" and upon reconnection would require that you re-enter all the previous pairing information.

1. Verify your Bluetooth is active.
2. From the Bluetooth settings page, touch and hold the name of the previously paired device (from the bottom of the page). This opens the connected device's menu options.
3. Tap **Unpair** to delete the paired device.

Sending Contacts via Bluetooth

Depending on your paired devices' settings and capabilities, you may be able to send pictures, contact information, or other items using a Bluetooth connection.

Note: Prior to using this feature, Bluetooth must first be enabled, and the recipient's device must be visible.

1. Verify your Bluetooth is active.
2. From the main Home screen, tap **Contacts** .
3. Press ➔ **Import/Export** ➔ **Send namecard via**.
4. Tap each contact that you would like to send via Bluetooth. A green checkmark will appear next to each entry you select.
5. Tap **Send**.
6. Tap **Bluetooth**.
7. Select the paired device to send the contacts to.

Note: The external Bluetooth device must be visible and communicating for the pairing to be successful.

8. A Bluetooth share notification will appear in your notifications list.

PC Connections

You can connect your device to a PC using an optional PC data cable and transfer data to and from your device, or use the Kies air application to access your PC wirelessly.

Connecting as a Mass Storage Device

You can connect your device to a PC as a removable disk and access the file directory. If you insert a memory card in the device, you can also access the files directory from the memory card by using the device as a memory card reader.

Note: The file directory of the memory card displays as a removable disk, separate from the internal memory.

1. From the Home screen, tap → **Settings** → **Wireless and network** → **USB utilities**.
2. On your phone, tap **Connect storage to PC**.
3. Connect a USB cable from your phone to your PC.
4. When the USB connected screen appears, tap **Connect USB storage**.

   Your phone and memory card will appear on your PC as a removable disks.
5. Copy files between your PC and your phone or memory card.
6. To exit, tap **Disconnect storage from PC**.

Kies Air

Kies Air allows you to sync your Windows PC wirelessly with your phone provided they are both on the same Wi-Fi network. You can view and share call logs, videos, photos, music, bookmarks, ringtones, and even send SMS messages from your PC.

To use the Kies air, follow these steps:

1. Sign onto the same Wi-Fi network from your phone and from your PC.
2. On your phone, from the Home screen, tap → **Kies air** .
3. From the Kies air homescreen, tap **Start**.

   A web URL is displayed on your phone screen.
4. From your PC, enter the URL in your web browser.
5. On your phone, an Access Request prompt is displayed. Tap **Allow** to continue.
6. Tap the **Remember for today** checkbox if you will be using Kies air with the same PC later.
7. From your PC, a security warning may be displayed asking if you want to run this application. Click **Run** to continue.

8. On your PC, the Kies air screen is displayed. On your phone, the icon appears at the top of your screen.
9. Follow the on-screen instructions to view and share information between your phone and PC.
10. To exit the Kies air application, tap **Stop** on your phone, then close out the web browser on your PC.

Section 10: Applications

This section contains a description of the applications available in the Applications Menu, their function, and how to navigate through the application. If the application is already described in another section of this manual, then a cross reference to that particular section is provided.

Tip: To open applications quickly, add the icons of frequently-used applications to one of the Home screens. For details, see *"Customizing Your Home Screen"* on page 23

You can also add an application icon as a Primary Shortcut that will display on all Home screens. If you add an application as a primary shortcut, the application icon will not be displayed in the Applications menu. For more information, refer to *"Adding and Removing Primary Shortcuts"* on page 25.

AllShare

AllShare allows your phone to stream photos, music and videos from its memory to other Digital Living Network Alliance (DLNA) certified devices. Your phone can also play digital content streamed from other DLNA certified devices.

Note: To view more information about DLNA certified products visit http://www.dlna.org/home.

1. Connect to a Wi-Fi network. see *"Connect to a Wi-Fi Network"* on page 119
2. From the Home screen, tap → **AllShare** .

   The AllShare screen is displayed.
3. To share media, tap **Videos**, **Photos**, or **Music** and tap on the media that you would like to share.
4. At the **My device** screen, any devices that you can share with are displayed.
5. Tap on a device to share media.
6. Tap the **Remote device** tab at the top of the screen.

   All devices that you can receive media from are displayed.
7. Tap a device name.

   Media that you can receive from the other device is listed.
8. Tap an item that you want to stream to your phone.

9. Press → **Settings** to configure the following settings:
   - **Device name**: defaults to your phone name. Use the keypad to enter a new name if desired, and tap **Save**.
   - **Share videos/photos/music**: allows you to restrict what is shared from your phone. Tap the items you want to share.
   - **Upload from other devices**: allows you set the phone to select how uploads from other devices are started. Tap **Always accept**, **Always ask**, or **Always reject**.
   - **Default memory**: allows you to have media saved to your **Phone** or **Memory Card**. Tap an option.
   - **Subtitles**: allows you to see subtitles on shared media.

   Depending on the setting you changed, a pop-up screen may display to restart AllShare. Tap **Yes** to continue.

Calculator

With this feature, you can use the phone as a calculator. The calculator provides the basic arithmetic functions (addition, subtraction, multiplication, and division) and scientific functions. The Calculator also keeps a history of recent calculations.

1. From the Home screen, tap → **Calculator** .
2. Enter the first number using the on-screen numeric keys.
3. Enter the operation for your calculation by tapping the corresponding on-screen arithmetic function key.
4. Enter the second number.
5. To view the result, tap equals (**=**).
6. To view calculator history, tap located at the top of the calculator buttons. A history of your past calculations is displayed. Tap again to display the calculator keypad.
7. To clear the calculator history, press → **Clear history**.
8. To use the scientific functions, turn the phone sideways to landscape mode.

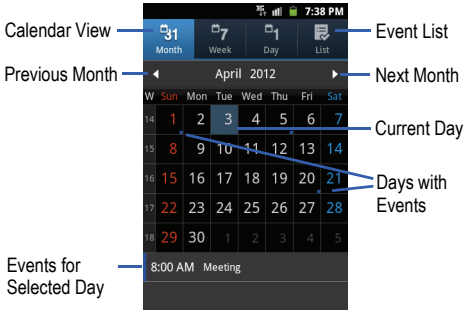
Calendar

With the Calendar feature, you can consult the calendar by day, week, or month, create events, and set an alarm to act as a reminders.

To access the Calendar:

1. From the Home screen, tap → **Calendar** .
2. The following options are available:
   - **Month**: the calendar displays the selected month with today's date highlighted. At the bottom of the calendar, scheduled events display in the order that they occur.
   - **Week**: the calendar displays the selected week with today's time and date highlighted.

- **Day**: the calendar displays the selected day with any events highlighted.
- **List**: the Event List displays all events that you have added for all dates in the order that they appear.



Calendar Options

▶ From any Calendar view, press to display the following options:

- **Create**: allows you to create a new event for any day or time period.
- **Go to**: allows you to go to any date on your calendar.
- **Today**: takes you to today's date, if you are not already there.
- **Search**: allows you to search through your calendar for a particular word or words.
- **Delete**: displays the event list, where you can select events to delete.
- **Settings**: displays the following calendar settings:
  - **Calendars**: displays all calendars they you have created.
  - **Default view**: allows you to set the default view to Month, Week, Day, or List.
  - **Day view**: allows you to set the Day view to display with times listed or as a list of events. Select Time grid or Event List.
  - **First day of week**: allows you to set the first day of the week to Sunday or Monday. This will affect how the Month view calendar is displayed.
  - **Hide declined events**: will not display events you have received from others if you have declined them.
  - **Hide contact's anniversary events**: will not display the anniversaries of your contacts.
  - **Lock time zone**: allows you to lock the event times and dates to the time zone that you select.
  - **Select time zone**: allows you to set the time zone to which event times and dates will be locked.
  - **Set alerts and notifications**: allows you to turn on audio Alert, set Status bar notification, or turn alerts Off.
  - **Vibrate**: allows you to set the Event notification tone to vibrate Always, Only in Silent mode, or Never.

– **Select ringtone**: allows you to set the ringtone for the Event notification tone.
– **Calendar sync**: allows you to sync your calendar with other accounts such as email or social accounts.

Event List

The Event List displays all events that you have added for all dates in the order that they appear.

1. From the Calendar, tap the **List** icon.
2. Tap any event to display it.
3. Press to display the following options:
   - **Edit**: allows you the change the Event name, date, time, location, participants, alarm, alarm details, and description. Tap **Save**.
   - **Delete**: allows you to delete any event. Tap **OK** at the prompt.
   - **Send via**: allows you to send event information via Bluetooth, ChatON, Email, Messaging, or Wi-Fi Direct.

Camera

Use your 3.2 megapixel camera feature to produce photos in a JPEG format. Your phone also functions as a Camcorder to take videos. For more information, refer to *"Camera"* on page 68.

ChatOn

Samsung ChatOn is a global mobile communication service that works across all major smartphone and feature phone platforms. ChatON lets users interact with friends and family, regardless of device platform – functionality across multiple platforms lets all users join in, with text, images, hand-written notes and video shared instantly. Users can chat in groups, while a Web client will allow the easy sharing of content and conversations between mobile and PC.

Clock

The Clock application allows you to access alarms, view the World Clock, set a stopwatch, and use a timer.

Alarm

This feature allows you to set an alarm to ring at a specific time.

1. From the Home screen, tap ➔ **Clock** ➔ **Alarm** ➔ **Create alarm**. The following options display:
   - **Time**: tap the **(+)** or **(-)** to set the new time for the event, at which time an alarm will sound.
   - **Alarm repeat**: use this option to set the repeating status for the alarm by tapping one of the following options:
     – **Weekly**: sets the alarm to sound once every week on the day and time that is set.
     – **Daily**: sets the alarm to sound all seven days of the week.
     – **Every weekday (Mon-Fri)**: sets the alarm to sound on all five weekdays.
     – **One-time event**: sets the alarm to sound only once.

- **Alarm type**: sets the way in which the alarm sounds when activated (Melody, Vibration, Vibration and melody, and Briefing).
- **Alarm volume**: drag the slider to adjust the alarm's volume.
- **Alarm tone**: sets the sound file which is played when the alarm is activated. Select **Sounds** or **Go to My files**.
- **Snooze**: use this option to set a Duration (3, 5, 10, 15, or 30 Minutes) and Snooze repeat (1, 2, 3, 5, or 10 Times).
- **Smart alarm**: phone plays a natural sound and displays the alarm screen for preset time before the set alarm goes off. Set the Duration and the Tone.
- **Name**: allows you to use a specific name for the alarm. The name will appear on the display when the alarm activates.

2. Tap **Save** to store the alarm details.

Turning Off an Alarm

▶ To stop an alarm when it sounds, touch and drag the icon in any direction.

Setting the Snooze Feature

▶ To activate the Snooze feature after an alarm sounds, touch and drag the icon in any direction. Snooze must first be set in the alarm settings. For more information, refer to *"Alarm"* on page 130.

Deleting Alarms

To delete an alarm, follow these steps:

1. From the Home screen, tap ➔ **Clock** ➔ **Alarm** ➔ ➔ **Delete**.
2. Tap the alarm or alarms you wish to delete. A green checkmark will appear next to each selection.
3. Tap **Delete**.

World Clock

World Clock allows you to view the time in various cities within all 24 time zones around the world.

1. From the Home screen, tap ➔ **Clock** ➔ **World clock**. The clock for your time zone is displayed.
2. Tap **Add city** to add another city to the World Clock.
3. Scroll through the list of cities to find the city you want to add, or tap the Search bar and use the keypad to enter a city to search for.
4. Tap the city you want to add. The clock for that city will display.
5. To set Daylight Savings time, press and hold a city, then tap **DST settings**.

6. Select **Automatic**, **Off**, **1 hour**, or **2 hours**.
7. If Daylight Savings Time is selected, an orange sun symbol appears on the World Clock listing.

Deleting a World Clock Entry

1. From the Home screen, tap → **Clock** → **World clock** → → **Delete**.
2. Tap the city clocks you wish to delete.
3. Tap **Delete**.

Stopwatch

You can use this option to measure intervals of time.

1. From the Home screen, tap → **Clock** → **Stopwatch**.
2. Tap **Start** to start the stopwatch.
3. To measure a lap time, tap **Lap**.
4. Tap **Stop** to stop the stopwatch.
5. Tap **Restart** to continue or tap **Reset** to erase all times recorded.

Timer

You can use this option to set a countdown timer. Use a timer to count down to an event based on a preset time length (hours, minutes, and seconds).

1. From the Home screen, tap → **Clock** → **Timer**.
2. The **min** field is highlighted and set to 1 minute. As required, tap the **hr**, **min** and **sec** fields and enter the time to count down.
3. Tap **Start** to begin the timer.
4. Tap **Stop** to pause the timer.
5. Tap **Restart** to continue or tap **Reset** to set the timer back to the original setting.

Contacts

You can manage your daily contacts by storing their name and number in your Address Book. Address Book entries can be sorted by name, entry, or group.

For more information, refer to *"Contacts and Your Address Book"* on page 51.

Downloads

The Downloads application allows you to manage all of your downloads from the Play Store and the Browser.

1. From the Home screen, tap → **Downloads** .

   All of your downloads are listed.

2. Tap the **Internet Downloads** tab to see all of the downloads you have made from the Browser.
3. Tap the **Other Downloads** tab to see all other downloads.
4. Tap → **Sort by size** to see your downloads sorted in size order.
5. Tap → **Sort by time** to see your downloads sorted in time order.

Email

Email enables you to review and create email using various email services. You can also receive text message alerts when you receive an important email. For more information, refer to *"Using Email"* on page 82.

Gallery

The Gallery is where you view photos and play back videos. For photos, you can also perform basic editing tasks, view a slideshow, set photos as wallpaper or contact image, and share as a picture message. For more information, refer to *"Gallery"* on page 66.

Gmail

Gmail is a web-based email service. Gmail is configured when you first set up your phone. Depending on your synchronization settings, Gmail can automatically synchronize with your Gmail account on the web. For more information, refer to *"Using Gmail"* on page 83.

Google +

Google+ makes messaging and sharing with your friends a lot easier. You can set up Circles of friends, visit the Stream to get updates from your Circles, use Messenger for fast messaging with everyone in your Circles, or use Instant Upload to automatically upload videos and photos to your own private album on Google+. For more information, refer to *"Google +"* on page 85.

Internet

Opens the browser to start surfing the web. The browser is fully optimized and provides advanced functionality to enhance the Internet browsing feature on your phone.

For more information, refer to *"Browser"* on page 114.

Kies air

Kies air allows you to sync your Windows PC wirelessly with your phone provided they are both on the same Wi-Fi network. You can view call logs, videos, photos, bookmarks, IMs, and even send

SMS messages from your home computer. For more information, refer to *"Kies Air"* on page 125.

Latitude

Google Latitude allows you and your friends share locations and status messages with each other. It also lets you send instant messages and emails, make phone calls, and get directions to your friends' locations.

1. Tap **Share location with family or friends**.

   The device automatically joins Latitude.

2. Select → **Select from Contacts** or **Add via email address**.

3. Select a friend you want to add, or enter an email address and select Add friends.

4. Select **Yes**.

When your friend accepts your invitation, you can share locations.

Latitude Options

▶ From the map display, press to display the following options:

- **Search**: allows you to search for a place of interest.
- **Directions**: displays navigation directions to a location from a starting point.
- **Clear Map**: allows you to remove all markings and layers from the map.
- **More**: allows you to select the following additional options:
  - **Map**: displays the map view.
  - **Places**: opens Google Places (see *"Places"* on page 140).
  - **Navigation**: opens Google Map Navigation (see *"Navigation"* on page 138).
  - **Latitude**: lets you find family and friends.
  - **Location history**: lets you store your location history and charts various statistics.
  - **My Places**: allows you to see locations you have marked as favorites. Press and hold on a location and when the screen displays with the address, tap the star in the upper-right corner. It will be listed in your Starred Places.
- **Settings**:
  - **Sign In:** Signs you in to Google Latitude (only appears when you are not signed in to Latitude).
  - **Cache Settings**: allows you to set options to pre-fetch map tiles when not using WiFi and to clear the cache that holds the map tiles.
  - **Location Settings:** allows you to set options for location reporting, history, location sharing, and check-ins.
  - **Labs**: this is a testing ground for experimental features that aren't ready for prime time. They may change, break or disappear at any time. Click on a Lab to enable or disable it.

– **Terms, Privacy & Notices**: displays the Terms and Conditions, Privacy Policy, Legal Notices or Web History information (you must sign in to Google to view Web History information).

– **About**: displays general information about Google Maps such as Version, Platform, Locale, Total data sent, Total data received, Free memory, etc.

• **Help**: displays the Google Mobile Help web page where you can receive help on Google Maps.

Maps

Google Maps allow you to track your current location, view real-time traffic issues, and view detailed destination directions. There is also a search tool included to help you locate places of interest or a specific address. You can view locations on a vector or aerial map, or you can view locations at the street level.

Important!: Before using Google Maps you must have an active data connection.

Note: The Maps application does not cover every country or city.

Enabling a Location Source

Before you use Google Maps and find your location or search for places of interest, you must enable a location source. To enable the location source you must enable the wireless network, or enable the GPS satellites.

1. From the Home screen, tap → **Settings** → **Location and security**.
2. Tap **Use wireless networks** to enable location determination using nearby cell towers.
3. Tap **Use GPS satellites** to enable location determination using GPS satellites.

Note: Selecting **Use GPS satellites** allows you to locate places of interest at the street-level. However, this also requires a clear view of the sky and uses more battery power.

To receive better GPS signals, avoid using your device in the following conditions:

• inside a building or between buildings
• in a tunnel or underground passage
• in poor weather
• around high-voltage or electromagnetic fields
• in a vehicle with tinted windows

Using Maps

1. Sign in to your Google account if you have not already done so.
2. From the Home screen, tap → **Maps** .

A map will display with your location in the very center.

3. Icons in the top row of the application access the following options:
   - **Search Maps**: allows you to search for a place of interest.
   - **Layers**: allows you to switch map views:
     - **Traffic**: (available only in selected areas) Real-time traffic conditions are displayed over roads as color-coded lines.
     - **Satellite**: displays Google Earth satellite image. Satellite images are not real-time.
     - **Terrain**: displays a topographical view of the terrain around the current map location.
     - Transit Lines: displays transit lines around the current map location.
     - **Latitude**: allows you to see your friend's locations and share your location with them.
     - **My Maps**: displays a list of your preferred maps.
     - **Bicycling**: adds cycling trails to your map.
     - **Wlkipedia**: displays Wikipedia entries for nearby locations.
   - **My Location**: when touched, the location displays on the map with a blinking blue arrow.
4. Press to display the following options:
   - **Search**: allows you to search for a place of interest.
   - **Directions**: displays navigation directions to a location from a starting point.
   - **Clear Map**: allows you to remove all markings and layers from the map.
   - **More**: allows you to select the following additional options:
     - **Map**: allows you to see the map view.
     - **Places**: allows you to that use Google Maps and your location to help you find Restaurants, Cafes, Bars, Attractions, etc.
     - **Navigation**: allows you to use the Navigation application which is an internet-connected GPS navigation system with voice guidance. You can type or speak your destination.
     - **Check in**: lets you check into a location so your friends can see where you are.
     - **Latitude**: lets you and your friends share locations and status messages with each other. It also lets you send instant messages and emails, make phone calls, and get directions to your friends' locations.
     - **Location history**: allows you to store your location history using background history reporting.
     - **My Places**: allows you to see locations you have marked as a favorite such as restaurants, museums, parks, and so forth. Press and hold on a location and when the screen displays with the address, tap the star in the upper-right corner. It will be listed in your Starred Places.
   - **Settings**:
     - **Switch Account**: allows you to switch accounts when you are signed onto more than one account.
     - **Cache Settings**: allows you to set options to pre-fetch map tiles when not using WiFi and to clear the cache that holds the map tiles.

– **Location Settings**: allows you to manage the settings for your Background location reporting, Location history, Latitude location sharing, and Check-ins.

– **Labs**: this is a testing ground for experimental features that aren't ready for primetime. They may change, break or disappear at any time. Click on a Lab to enable or disable it.

– **Terms, Privacy & Notices**: displays the Terms and Conditions, Privacy Policy, Legal Notices or Web History information (you must sign in to Google to view Web History information).

– **About**: displays general information about Google Maps such as Version, Platform, Locale, Total data sent, Total data received, Free memory, etc.

- **Help**: displays the Google Mobile Help web page where you can receive help on Google Maps.

Memo

This feature allows you to create a memo and send it via Bluetooth, Email, or Messaging.

1. From the Home screen, tap → **Memo** .
2. Type your Memo using the keypad or keyboard and tap **Save**.

   The memo will display in the memo list.
3. To send a Memo, touch and hold the Memo in the Memo list.
4. Tap **Send**.
5. Tap **Bluetooth**, **ChatON, Email**, **Messaging**, or **Wi-Fi Direct**.

Note: Email will appear as an option only after you have setup your Email account. For more information, refer to *"Using Email"* on page 82.

6. Enter the recipient information and tap **Send**. For more information, refer to *"Message Options"* on page 78.
7. To modify a Memo, tap the pencil icon in the top right corner of the Memo. Edit the Memo then tap **Save**.
8. From the Memo list, press to display the following options:
   - **Create**: allows you to create a new memo.
   - **Delete**: allows you to delete one or all of your memos.
   - **Search**: allows you to search your memos for a particular word or words.
   - **Send**: allows you to send one or several of your memos at one time. You can send via Bluetooth, Email, Messaging, or Wi-Fi Direct.
   - **Sort by**: allows you to sort by Date or Color.
   - **More**: the following additional options are available:
     – **SNS log in**: allows you to log into your Facebook, Twitter, or LinkedIn accounts.

– **Sync memo**: allows you to sync your memos Google Docs or send individual memos.

– **PIN lock**: allows you to set a PIN lock so that a PIN must be entered before reading a memo.

Messenger

Messenger allows you to bring groups of friends together into a simple group conversation. When you get a new conversation in Messenger, Google+ sends an update to your phone. For more information, refer to *"Messenger"* on page 85.

Music

Music allows you to play music files that you have stored on your phone and memory card. You can also create playlists. For more information, refer to *"Music Player"* on page 63.

My files

My files allows you to manage your sounds, images, videos, bluetooth files, Android files, and other memory card data in one convenient location.

1. From the Home screen, tap → **My files** .
2. The following folders display:
   - **Android**: the Android folder stores files that are used in Android applications.
   - **DCIM**: this is the default location for pictures and videos taken by the device. Tap **DCIM** → **Camera** to view the picture or video files. For more information, refer to *"Accessing Pictures"* on page 72. Also, see *"Accessing Videos"* on page 75
   - **external_sd**: this folder displays all of the files that you have on your memory card.
   - **bluetooth**: this folder stores files sent via a Bluetooth device.

Note: Different folders may appear depending on how your phone is configured.

Navigation

Google Maps Navigation (Beta) is an internet-connected turn-by-turn, GPS navigation system with voice guidance.

Caution!: Traffic data is not real-time and directions may be wrong, dangerous, prohibited, or involve ferries.

Important!: To receive better GPS signals, avoid using your device in the following conditions:
- inside a building or between buildings
- in a tunnel or underground passage
- in poor weather
- around high-voltage or electromagnetic fields
- in a vehicle with tinted windows

Launching Navigation

1. From the Home screen, tap → **Navigation** .
2. Read the on-screen disclaimer and tap **Accept**.

3. Select one of the following options:

- **Speak Destination**: allows you to speak your destination.
- **Type Destination**: allows you to use the keypad to enter your destination.
- **Contacts**: displays a list of all of your contacts that have addresses listed.
- **Starred Places**: allows you to keep a list of favorite destinations, locations, restaurants, etc. Just tap a starred item to get directions.
- **Recent Destinations**: allows you to access information on previous destinations you have used. This option only appears after you have entered one or more destinations.

Navigation Options

▶ From the map screen. press to access the following features:

- **Search**: allows you to speak or type a destination, place, or service to search for.
- **Set Destination**: displays the Choose Destination screen where you can speak or type your destination.
- **Layers**: are additional items that you can have displayed on your map. They include:
  - **Traffic view**: displays real-time traffic conditions so you can plan the fastest route.
  - **Satellite**: allows you to see you the map as a satellite image.
  - **Parking**: allows you to see registered parking areas.
  - **Gas stations**: allows you to see registered gas stations.
  - **ATMs & banks**: allows you to see registered ATMs and Banks.
  - **Restaurants**: allows you to see registered restaurants.
- **Mute/Unmute**: allows you to mute or unmute your navigation tones.
- **Exit Navigation**: exits the Navigation application and returns you to the Application Menu screen.
- **More**: includes the following options:
  - **Help**: takes you to the Google Mobile Help web page.
  - **Terms, Privacy & Notices**: displays Terms and Conditions for Google mobile products, the Google Privacy Policy, and Google legal notices.

Obtaining Driving Directions

Your phone's built-in GPS hardware allows you to get real-time driving directions to selected locations or establishments based on your current location.

Note: For voice-guided navigation you need to install text-to-speech support from the Play Store.

Using a Physical Address

1. From the Home screen, tap ➔ **Navigation** .
2. Tap either **Speak Destination** or **Type Destination**.

3. If typing in the address, enter the address using the keypad. As you type, possible addresses will be displayed. Tap on one when you see the address you want.

   The route will be displayed.

4. As you drive the route display will be updated and you will receive voice-guided navigation directions.

News & Weather

You can get weather, new, sports and entertainment information from the web.

1. From the Home screen, tap → **News & Weather** .

   The Weather screen is displayed with current temperature, conditions, Humidity, and Wind speed.

2. Tap the temperature to display a graph mapping the days temperature and humidity.

3. While on the Weather screen, press to display the following options:

   - **Refresh**: allows you to refresh the screen. Your location and the weather is updated if there have been any changes.
   - **Settings**: allows you to set weather, news, and refresh settings.
     - **Weather settings**: allows you to choose location(s) and set the metric for temperature displays.
     - **News settings**: allows you to choose topics, configure settings for fetching articles and images, and view the terms of service for news service.
     - **Refresh settings**: allows you to choose options for updating content.
     - **Application version**: displays the application version number.

4. To view the news, sweep the screen to the left to display **Top Stories**, **Canada**, **Sports**, and **Entertainment**.

Places

Google Places displays company locations on a layer of Google Maps. When viewing an area you can quickly locate a business or person, find out more information about the business, see coupons, public responses, and more.

1. From the Home screen, tap → **Places** .

2. Tap on one of the business categories to search for a particular business.

   All of the business categories that are close to you will be displayed.

3. Tap on a business to view the details such as address, phone, website, and location. You can also see reviews from around the web and from Google users.

Play Books

With Google Play Books, you can find more than 3 million free e-books and hundreds of thousands more to buy in the eBookstore.

1. From the Home screen, tap → **Play Books** .
2. Log on to your Google account. For more information, refer to *"Creating a New Google Account"* on page 6.
3. Follow the on-screen instructions for using the Play Books application.

Play Store

Google Play (formerly Android Market) provides access to downloadable applications, games, books and movies to install on your phone.

1. From the Home screen, tap → **Play Store** .
2. If not already logged in with your Google account, tap **Next**, Tap **Sign in** and enter your Google account information.
3. The first time you sign in, the Android Market Terms of Service will be displayed. Tap **Accept** to continue or **Decline** to exit.
4. Tap one of the category icons to download or purchase applications, music, games, books, or movies. You can also download updates to existing applications.

   – or –

   Tap to search for an application.
5. Follow on the on-screen instructions.

Note: A data plan is required to use this feature. Charges may apply. Please contact your service provider for further details.

Unknown sources

This feature allows the installation of content from locations other than Play Store and is typically used for Android application development.

From the Home screen, tap → **Settings** → **Applications** → **Unknown sources**.
A green check mark indicates that content can be downloaded from sources other than Play Store.

Quickoffice

The Quickoffice application allows you to view and create Microsoft Word, Excel and PowerPoint compatible documents. You can also view PDF files.

1. From the Home screen, tap → **Quickoffice** .

2. Tap the **E-mail Address** field, then use the keypad to enter your E-mail address. Tap **Register Now**.

   – or –

   Tap **Register Later**.

   The Quickoffice screen is displayed.

3. The following Quickoffice applications are available:
   - **Quickword**: allows you to create and save Word compatible documents on your phone, and view existing documents.
   - **Quicksheet**: allows you to create and save spreadsheet documents, and view existing spreadsheets.
   - **Quickpoint**: allows you to create and save presentations, and view existing presentations.
   - **QuickPDF**: allows you to open PDF documents.
4. Select an option and follow the on-screen instructions.

Samsung Apps

Samsung Apps is a marketplace designed to provide a variety of mobile applications especially developed and carefully selected for Samsung Mobile Phones. To use Samsung Apps, your phone must be connected to the internet using a cellular connection or Wi-Fi.

1. From the Home screen, tap → **Samsung Apps**.
2. Search for and download applications as required.

Note: This feature might not be available in your region. For details, visit www.samsungapps.com.

All Samsung Apps applications are made available to you subject to the Samsung Apps Terms and Conditions (http://www.samsungapps.com/common/term.as) and Samsung Account Terms and Conditions (http://www.samsungapps.com/common/terms4account.as). Please read through these and ensure you understand the basis on which these applications are provided to you. Samsung may collect personal information from you in order to deliver the applications to your device. This is done in accordance with the Samsung Apps privacy policy (http://www.samsungapps.com/common/privacy.as). In order to receive any of the applications, you must select the “Accept” button indicating that you agree to the terms and conditions and the use of your personal data in accordance with the privacy policy.

Note: You might incur additional charges when accessing the internet or downloading applications.

Note: Available applications, widgets, and updates might differ depending on your region.

Search

The Google Search Bar provides you an on-screen Internet search engine powered by Google™. For more information, refer to *"Google Search Bar"* on page 20.

Settings

Opens the settings menus for your phone. For more information, refer to *"Changing Your Settings"* on page 87.

Social Hub

With Social Hub, you can now satisfy all of your relevant communication needs from one integrated user experience. E-mails, instant messaging, social network contents, and calendar contents are available.

To access Social Hub, follow these steps:

1. From the Home screen, tap ➔ **Social Hub** .

   The Social Hub Welcome page describes all of the available features.

2. To add an email or SNS account to your Social Hub, tap **Add account.** Tap on the account type that you would like to add.

3. Read the disclaimer, tap the **I accept all the terms above** checkbox, then tap **Agree** to continue.

4. Tap **Next**.

5. Follow the on-screen instructions for adding an account.

6. From the Social Hub main screen, tap the **Feeds** or **Messages** tabs to see information pertaining to your account.

7. To add another account, press ➔ **Accounts** ➔ **Add account.**

Talk

Google Talk is a free Windows and web-based application for instant messaging offered by Google. Conversation logs are automatically saved to a Chats area in your Gmail account. This allows you to search a chat log and store them in your Gmail accounts. For more information, refer to *"Talk"* on page 84.

Task

With the Task application you can create a list of things you need to do and check them off when the task is complete.

1. From the Home screen, tap ➔ **Task** .

2. Tap **Create task** to start a new task entry.

3. Tap the **Name** field and enter a task name using the keypad.

4. Tap the **Due date** field and enter a due date. If there is no date that the task is due, tap the **No due date** checkbox.
5. If desired, enter **Task**, **Priority**, **Reminder**, and **Notes** then tap **Save**.
6. At the Task list screen, press to display the following options:
   - **Create**: allows you to create a new task.
   - **Delete**: allows you to delete one or all of your tasks.
   - **Search**: allows you to search your tasks for a particular word or words.
   - **List by**: allows you to sort by Due date, Status, or Priority.
   - **Sync task**: allows you to sync your tasks to any of your accounts.
7. From the Task list screen, tap a task once you have completed it and a checkmark appears next to the task. The task name is also grayed out so that you can still read it.

Task Manager

The Task Manager application provides information about the processes and programs running on your phone, as well as the memory status. It can also be used to terminate processes and applications.

To access the Task Manager, follow these steps:

1. From the Home screen, tap ➔ **Task Manager** .
2. The Task Manager options are located at the top of the screen. The following options are available:
   - **Active applications**: displays all of the applications that are presently running on your phone. Tap Exit to end an application, or tap Exit all to end all running applications.
   - **Downloaded**: displays the size of your downloaded application programs.
   - **RAM**: displays the Random Access Memory (RAM) and allows you to clear different levels of RAM.
   - **Storage**: displays a summary of your device's storage (used and available).
   - **Help**: displays information on how to extend battery life.

Videos

The Video Player application plays video files stored on your memory card. For more information, refer to *"Videos"* on page 66.

Vlingo

Vlingo is a virtual assistant that helps you get things done quickly and easily.

Voice Recorder

The Voice Recorder allows you to record an audio file for later playback. You can also send it as a message.

1. From the Home screen, tap → **Voice Recorder** .
2. To start recording, tap Record.
3. During the recording process you can tap **Stop** Stop to stop and save the recording or **Pause** Pause to temporarily halt the recording. After pausing, tap Record to resume recording. Once audio recording has stopped, the message is automatically saved. Tap Cancel to cancel the recording without saving.
4. Tap List to display a list of all your voice recordings. Tap a voice recording to play it.
5. Press to display the following options:
   - **Share**: allows you to share your recording using Bluetooth, Email, Gmail, Messaging, or Wi-Fi Direct.
   - **Delete**: allows you to delete 1 or more voice recordings. Tap the recordings to delete and tap **Delete**.
   - **Rename**: allows you to rename your recordings.
   - **Settings**: the following settings are available:
     – **Storage**: allows you to choose where your recordings will be saved. Select between Phone or Memory card.
     – **Default name**: allows you to choose the name prefix for your recordings. For example, if your Default name is Voice, your recordings would be named Voice 001, Voice 002, Voice 003, etc.
     – **Recording quality**: allows you to set the recording quality to High or Normal.
     – **Limit for MMS**: allows you to select On or Off. If you Limit for MMS by selecting On, you will be assured that the recording can be sent in a message.

Voice Search

The Voice Search feature is a voice-activated application that allows you to speak search terms that the phone uses to perform a Google search.

1. From the Home screen, tap → **Voice Search** .

   – or –

   From the first Home screen, tap on the right side of the Google Search bar.
2. Tap **Speak now** and speak your search terms slowly and clearly. Google searches for the information.
3. Results display on the screen. Tap a link to view the information.

   – or –

   The **No matches found** screen displays if Voice Search was not able to find a match. Tap **Speak again** or **Cancel**.

YouTube

YouTube is a video sharing website on which users can upload and share videos, and view them in MPEG-4 format.

1. From the Home screen, tap → **YouTube** .
2. Tap the search field to search for specific videos, scroll down to browse through the main page thumbnails, or scroll to the bottom to explore additional options.
3. To view a video, tap an available preview thumbnail or tap the title link.
4. If you prefer high quality video, as the video starts to play, tap **HQ**.
5. Tap to go to your camcorder so you can take your own videos.

Note: It is not necessary to sign in to the YouTube site to view content. However, if you wish to sign in to access additional options, access the page via the Web browser and tap **Sign in** at the top right corner, enter your YouTube or Google username and password, and tap **Sign in**.

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